Volume:
1997
Fall Semester
2nd Edition

UPUB S1.001

UNIVERSITY OF MARYLAND
SCHEDULE OF CLASSES
FALL 1997 - SECOND EDITION

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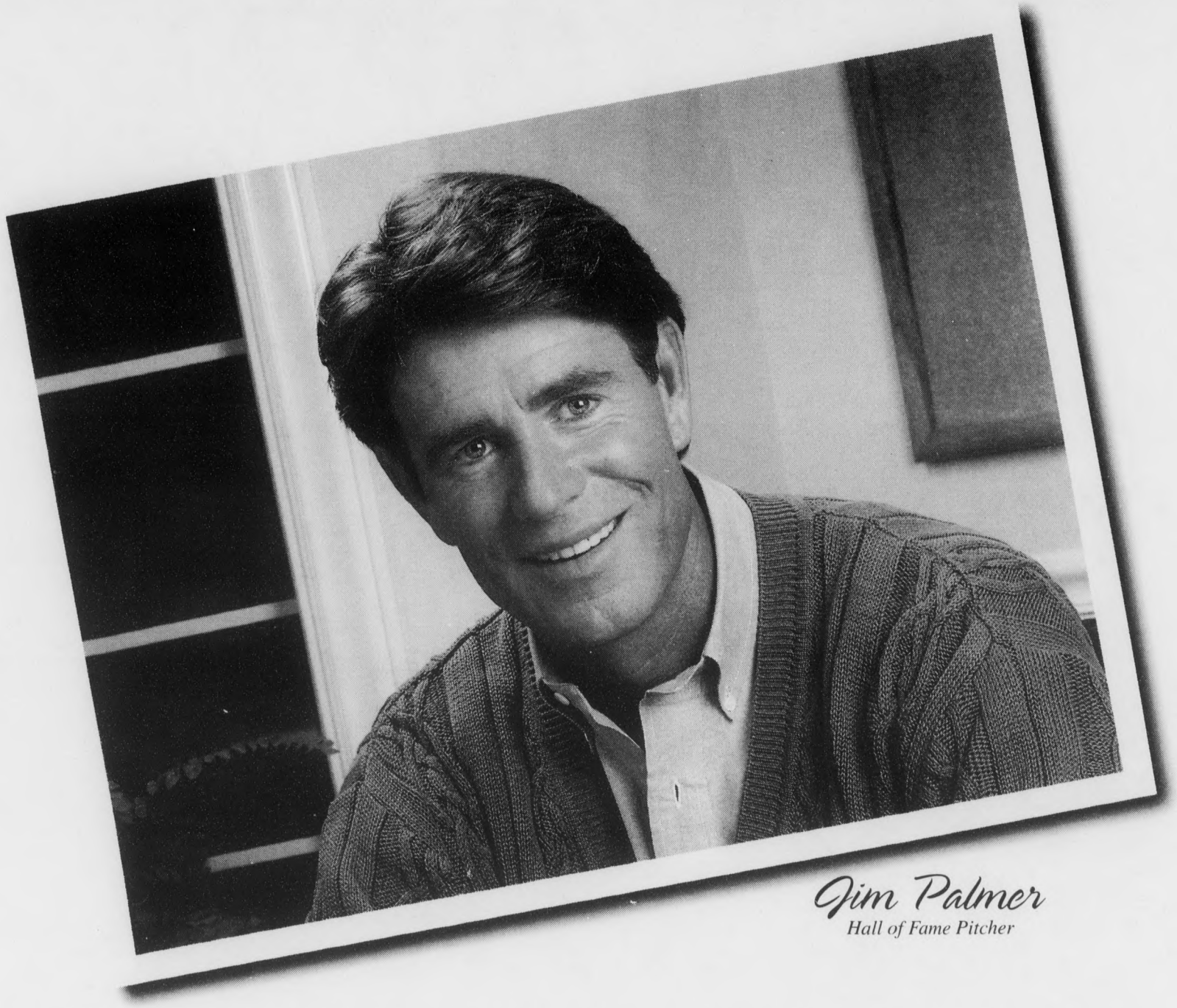

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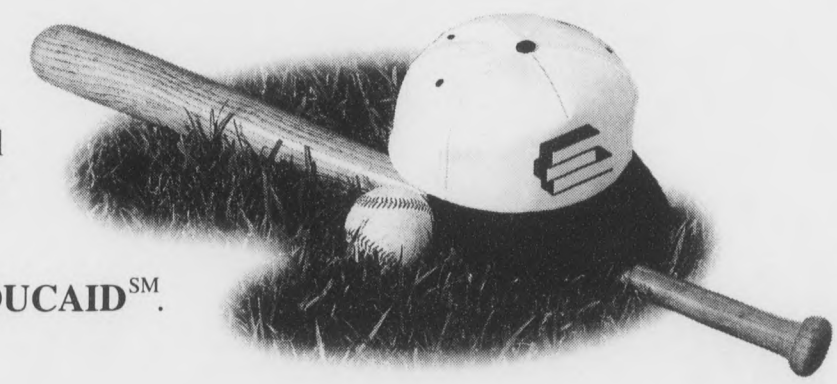

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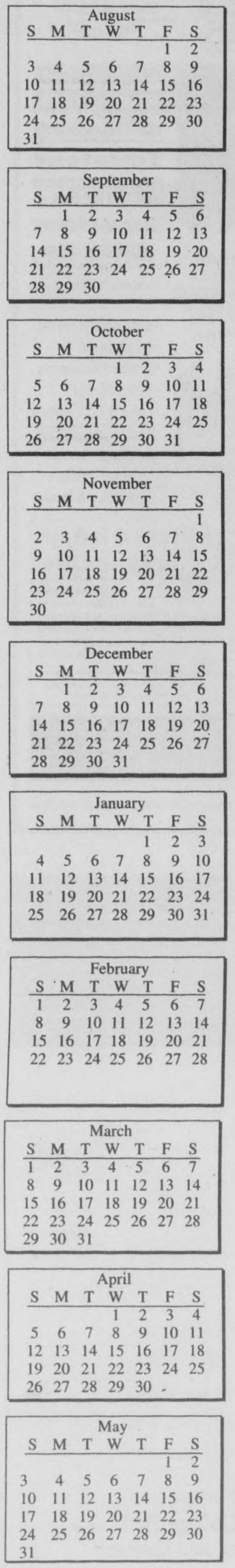
4 INTRODUCTION



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22 Last day of classes - Summer Session II

September

1 Labor Day Holiday
2 FIRST DAY OF CLASSES - Fall 1997
Semester Registration and Schedule Adjustment in Armory through September 4
15 LAST DAY - Schedule Adjustments for Fall 1997

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10 Undergraduate - LAST DAY to drop with a "W"
Grad Students - LAST DAY to adjust schedule for Fall Semester
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December

12 LAST DAY OF CLASSES
13 Exam Study Day
15-20 FINAL EXAMS
21 COMMENCEMENT ← Note: New Date

January 1998

27 First Day of Classes - Spring 1998 Semester

March

23-29 Spring Break

May

13 LAST DAY OF CLASSES
14 Exam Study Day
15-21 FINAL EXAMS
22 COMMENCEMENT

TABLE OF CONTENTS

REGISTRATION INFORMATION

Academic Calendar 4
Dropping Courses (Graduate and part-time UG) 6
Faculty-Staff Registration 6
Graduate Student Registration and General Information 7
Graduate Students - Advising Requirements 8
How to Register for Fall 1997 5
MARS - Features; How to call MARS 9
MARS - Course Worksheet and Action Codes 11
Parking Registration Information 14
Schedule Adjustment Procedures 5
Teacher's Registration 6
Waitlist Information 10

EXAM SCHEDULE & DEADLINES

Cancellation of Registration 12
Candidates for December 1997 Graduation 12
Fall Semester Deadlines 13
Final Exam Schedule for Fall 15
Penalties for Drops 12
Reclassification to In-State Status 12

FINANCIAL INFORMATION

Billing Information 17
Cancellation of Residence Halls/Dining Services 17
Fees for the Fall Semester 16
Financial Aid 18
Leave of Absence 17
Refund Requests 12
Refund Schedule for Drops (Grad & part-time UG students) 12
Refunds for Special Courses 12
Tuition Remission Policy 17
Withdrawal from the University 17

LEARNING OPPORTUNITIES

Academic Information Technology Services 19
A. James Clark School of Engineering 19
College Park Scholars 19
Community Service Program 19
Consortium of Universities 19
First Year Focus Clusters 22-25
General Education Program - CORE 26-28
Golden ID 20
Inter-Institutional Registration 20
Study Abroad 20
URAP - Undergraduate Research Assistance Program 21
What's New and Interesting 29-31
World Courses 21

STUDENT SERVICES & GENERAL INFORMATION 32-35

ADVISING & ACADEMIC INFORMATION

Academic Advisors 37-38
Academic Progress Requirements 39
Advising Policy 41
College Organizational Chart 36
Course Numbering System 39
Foreign Language Placement 40
Full-time Status 40
Graduate Student Academic Information 7
Major Changes 40
Pass-Fail Grading Option 40
Repeat Policy 39-40
Zero-Level Courses 40

COURSE LISTING 42

CAMPUS MAP AND BUILDING CODES 58-59

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GRADUATE STUDENTS: Follow walk-in registration and schedule adjustment dates and procedures on this page and see page 7 for additional Graduate Student registration information.

Questions? Call Registrations 301-314-8240
TTY - 301-314-7816

HOW TO REGISTER OR ADJUST YOUR SCHEDULE

Carefully read and follow the six steps in HOW TO REGISTER OR ADJUST YOUR SCHEDULE. Take advantage of MARS if you are eligible to use the telephone registration system.

STEP 1: REGISTRATION & SCHEDULE ADJUSTMENT

- **CALL MARS 403-0500** during hours below (see pages 9-11 for instructions)
  Monday - Saturday ..... 7:30 a.m. -11:00 p.m.
  Sunday ..... 5:00 p.m. - 11:00 p.m.
- **VISIT TESTUDO ON THE WEB at www.testudo.umd.edu**
- **WALK-IN Registration and Schedule Adjustment**
  Monday - Friday ..... 9:00 - 11:30 a.m. and 1:00 - 4:30 p.m
  August 11th - 28th ..... 1101 Mitchell Building
  August 29th - September 4th ..... Reckord Armory
  September 5th - 15th ..... 1101 Mitchell Building

WAITLIST CHECK-IN: *(See page 10 for information)*
Waitlist Check-In is available on MARS, at kiosks, in-person, and on the Testudo web site at www.testudo.umd.edu.
If you are on the waitlist you must check in on the first day of classes, the mandatory check-in date. If you are still on the waitlist after mandatory check-in you must then call daily during regular check-in, beginning September 3, 1997 to remain on the waitlist. Remember, you must first check-in (in person, by calling MARS, at a kiosk, or on Testudo) on the first day of classes, and then daily to remain on the wait list.

Mars Waitlist Check-In
Now through September 16th
Monday - Saturday ..... 7:30 a.m. - 11:00 p.m.
Sunday ..... 5:00 p.m. - 11:00 p.m.

Walk-In Waitlist Check-In

Monday - Friday 8:45 - 11:45 a.m. and 1:00 - 4:15 p.m.
August 29th - September 4th ..... Reckord Armory
September 5th - 16th ..... 1130 Mitchell Building

NOTES: 1. The Schedule Adjustment Period ends September 15, 1997 at 4:30 p.m.
2. The University will be closed September 1, 1997 for the Labor Day Holiday.

STEP 2: SELECT COURSES

Select Courses from this Schedule of Classes. Note that MARS uses the five-digit index number to the right of the section number in the course listings. Read course information carefully. The courses you select, as well as any advising requirements, will determine if you need to meet with an advisor prior to registering. For information on specific course and credit restrictions that may require special permission prior to registering see **STEP 3**.

Advising: Advising is required for some students, and highly recommended for all students. Advising is mandatory prior to registering for newly admitted students, readmitted and reinstated students, students in certain majors, students on academic warning and dismissal, student athletes, IED and Individual Admits, and students who still need to fulfill fundamental studies requirements. A list of advisors begins on page 37. Set up an appointment to see an advisor as soon as possible.

Registration Blocks: Be sure to resolve any outstanding blocks prior to your registration or schedule adjustment . Students owing money to the University are not eligible to register until they clear their accounts. To become eligible to register clear your account at the Office of the Bursar, Room 1135 Lee Building at least 24 hours prior to registering (in-person or MARS).

Fundamental Studies Blocks: If you have completed 35 credits and have not satisfied the Fundamental Math and English requirements, you should contact your college office to discuss a temporary extension. If you are going to register for the required course you must register in person.

Final Exams: The University has no policy on the number of finals a student can take on one day. Students are strongly encouraged to check the final exam schedule before registering for courses.

STEP 3: OBTAIN SPECIAL PERMISSIONS

Use the course listings beginning on page 42 to plan your Fall schedule. Also select alternative courses and sections. Read course listings carefully and pay special attention to note lines associated with each course. Some registration actions do require special permission. Remember that all special permissions and advising requirements must be met before registering. See *Need Special Permission?* below for specific information.

Electronic Stamp: The Electronic Stamp has been developed to allow offices to grant special permissions and approvals via computer. All colleges, the Registration Office, and most departments have access to the Electronic Stamp. Special permissions (on forms) from any other department can be turned in to that department's college office, the Registrations Office or Reckord Amory (August 29-September 4) prior to registering with MARS or in-person. Electronic Stamp permissions are valid whether you register in person or use MARS. Note that after obtaining permission you must still process a registration for the course(s). Special permissions can still be granted on schedule request forms with proper authorization when registering in-person.

MESSAGE BOARD

Graduating this December? If so PLEASE NOTE!!
December Commencement has been changed to Sunday, December 21st, with the Convocation scheduled for 1:00 p.m.. All degree candidates will be mailed details later in the semester. Please contact Records and Registrations at 301-314-8240, if you have any questions.

New Ways to get your Grades this Fall Semester!
Find out your fall 1997 grades faster - use MARS, the Web, or a Kiosk beginning in mid-December. Just use your Student ID Number and PIN, and as soon as your grades are processed,they will be available electronically. MARS and Kiosks are updated daily, Grade Point Averages will be calculated in early January 1998 after all final grades have been posted.

Note, we won't be mailing grade reports any longer, but Official Transcripts are always available free of charge. See page 35, Transcript Services, for details.

Continued on page 6

4 INTRODUCTION

August

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May

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TABLE OF CONTENTS

REGISTRATION INFORMATION

Academic Calendar 4
Dropping Courses (Graduate and part-time UG) 6
Faculty-Staff Registration 6
Graduate Student Registration and General Information 7
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MARS - Features; How to call MARS 9
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Parking Registration Information 14
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Teacher's Registration 6
Waitlist Information 10

EXAM SCHEDULE & DEADLINES

Cancellation of Registration 12
Candidates for December 1997 Graduation 12
Fall Semester Deadlines 13
Final Exam Schedule for Fall 15
Penalties for Drops 12
Reclassification to In-State Status 12

FINANCIAL INFORMATION

Billing Information 17
Cancellation of Residence Halls/Dining Services 17
Fees for the Fall Semester 16
Financial Aid 18
Leave of Absence 17
Refund Requests 12
Refund Schedule for Drops (Grad & part-time UG students) 12
Refunds for Special Courses 12
Tuition Remission Policy 17
Withdrawal from the University 17

LEARNING OPPORTUNITIES

Academic Information Technology Services 19
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Consortium of Universities 19
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General Education Program - CORE 26-28
Golden ID 20
Inter-Institutional Registration 20
Study Abroad 20
URAP - Undergraduate Research Assistance Program 21
What's New and Interesting 29-31
World Courses 21

STUDENT SERVICES & GENERAL INFORMATION 32-35

ADVISING & ACADEMIC INFORMATION

Academic Advisors 37-38
Academic Progress Requirements 39
Advising Policy 41
College Organizational Chart 36
Course Numbering System 39
Foreign Language Placement 40
Full-time Status 40
Graduate Student Academic Information 7
Major Changes 40
Pass-Fail Grading Option 40
Repeat Policy 39-40
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COURSE LISTING 42

CAMPUS MAP AND BUILDING CODES 58-59

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- **VISIT TESTUDO ON THE WEB at www.testudo.umd.edu**
- **WALK-IN Registration and Schedule Adjustment**
  Monday - Friday ..... 9:00 - 11:30 a.m. and 1:00 - 4:30 p.m
  August 11th - 28th ..... 1101 Mitchell Building
  August 29th - September 4th ..... Reckord Armory
  September 5th - 15th ..... 1101 Mitchell Building

WAITLIST CHECK-IN: *(See page 10 for information)*
Waitlist Check-In is available on MARS, at kiosks, in-person, and on the Testudo web site at www.testudo.umd.edu.
If you are on the waitlist you must check in on the first day of classes, the mandatory check-in date. If you are still on the waitlist after mandatory check-in you must then call daily during regular check-in, beginning September 3, 1997 to remain on the waitlist. Remember, you must first check-in (in person, by calling MARS, at a kiosk, or on Testudo) on the first day of classes, and then daily to remain on the wait list.

Mars Waitlist Check-In
Now through September 16th
Monday - Saturday ..... 7:30 a.m. - 11:00 p.m.
Sunday ..... 5:00 p.m. - 11:00 p.m.

Walk-In Waitlist Check-In

Monday - Friday 8:45 - 11:45 a.m. and 1:00 - 4:15 p.m.
August 29th - September 4th ..... Reckord Armory
September 5th - 16th ..... 1130 Mitchell Building

NOTES: 1. The Schedule Adjustment Period ends September 15, 1997 at 4:30 p.m.
2. The University will be closed September 1, 1997 for the Labor Day Holiday.

STEP 2: SELECT COURSES

Select Courses from this Schedule of Classes. Note that MARS uses the five-digit index number to the right of the section number in the course listings. Read course information carefully. The courses you select, as well as any advising requirements, will determine if you need to meet with an advisor prior to registering. For information on specific course and credit restrictions that may require special permission prior to registering see **STEP 3**.

Advising: Advising is required for some students, and highly recommended for all students. Advising is mandatory prior to registering for newly admitted students, readmitted and reinstated students, students in certain majors, students on academic warning and dismissal, student athletes, IED and Individual Admits, and students who still need to fulfill fundamental studies requirements. A list of advisors begins on page 37. Set up an appointment to see an advisor as soon as possible.

Registration Blocks: Be sure to resolve any outstanding blocks prior to your registration or schedule adjustment . Students owing money to the University are not eligible to register until they clear their accounts. To become eligible to register clear your account at the Office of the Bursar, Room 1135 Lee Building at least 24 hours prior to registering (in-person or MARS).

Fundamental Studies Blocks: If you have completed 35 credits and have not satisfied the Fundamental Math and English requirements, you should contact your college office to discuss a temporary extension. If you are going to register for the required course you must register in person.

Final Exams: The University has no policy on the number of finals a student can take on one day. Students are strongly encouraged to check the final exam schedule before registering for courses.

STEP 3: OBTAIN SPECIAL PERMISSIONS

Use the course listings beginning on page 42 to plan your Fall schedule. Also select alternative courses and sections. Read course listings carefully and pay special attention to note lines associated with each course. Some registration actions do require special permission. Remember that all special permissions and advising requirements must be met before registering. See *Need Special Permission?* below for specific information.

Electronic Stamp: The Electronic Stamp has been developed to allow offices to grant special permissions and approvals via computer. All colleges, the Registration Office, and most departments have access to the Electronic Stamp. Special permissions (on forms) from any other department can be turned in to that department's college office, the Registrations Office or Reckord Amory (August 29-September 4) prior to registering with MARS or in-person. Electronic Stamp permissions are valid whether you register in person or use MARS. Note that after obtaining permission you must still process a registration for the course(s). Special permissions can still be granted on schedule request forms with proper authorization when registering in-person.

MESSAGE BOARD

Graduating this December? If so PLEASE NOTE!!
December Commencement has been changed to Sunday, December 21st, with the Convocation scheduled for 1:00 p.m.. All degree candidates will be mailed details later in the semester. Please contact Records and Registrations at 301-314-8240, if you have any questions.

New Ways to get your Grades this Fall Semester!
Find out your fall 1997 grades faster - use MARS, the Web, or a Kiosk beginning in mid-December. Just use your Student ID Number and PIN, and as soon as your grades are processed,they will be available electronically. MARS and Kiosks are updated daily, Grade Point Averages will be calculated in early January 1998 after all final grades have been posted.

Note, we won't be mailing grade reports any longer, but Official Transcripts are always available free of charge. See page 35, Transcript Services, for details.

Continued on page 6

6 REGISTRATION

Need Special Permission?

Course Restrictions: These restrictions are listed with individual courses in the course listing section of this Schedule. Some courses are open to majors only, others have GPA or cumulative credit requirements. Courses with Perm Req to the left of the course listing require permission from the department offering the course prior to registering. The department can enter the permission directly into the registration system using the Electronic Stamp, or stamp and sign the schedule request form. The schedule request form can then be taken to that department's college, the Registration Office or Reckord Armory (August 29-September 4) for entry into the system. **After submitting permission, you must still process a registration for the course either by calling MARS, using Testudo, or registering in person.**

Actions Requiring College Approval: All college offices have access to the Electronic Stamp and can enter special permissions directly into the registration system. Exceptions to any of the restrictions listed below require college approval prior to registering. Remember to register for the course (either by calling MARS or in-person) after obtaining any special permissions.

Maximum Credit Limit: Undergraduate students are generally limited to registering for 16 credits until September 2, 1997; students can then register for a maximum of 19 credits. Requests to register for over 16 credits prior to September 2, 1997 require special permission. Permission to take over 19 credits always requires college approval.

CORE Restrictions: Students with over 90 cumulative credits are restricted to registering for only one CORE course until September 2, 1997. Check Pages 26-28 to determine the CORE status of a course. Any exceptions require college approval.

Graduate Level Courses: Undergraduates requesting graduate level courses (those numbered 500 and above) require college approval.

Time conflicts: Time conflicts are not permitted. All exceptions require college approval.

Pass/Fail Grading Method: See page 40 for Pass/Fail option requirements for undergraduate students.

Re-registering for the same course: Students are limited to the number of times they can register for a course. NO MORE THAN TWO REGISTRATIONS are permitted for any one course. Each time a course is dropped with a mark of "W" it will be counted as a registration.

Drop Policy: Undergraduate students can adjust their schedule (add, drop, etc.) until the close of business September 15, 1997. After this time students are limited to dropping a maximum of four credits during the **Drop Period**. The drop period ends November 10, 1997. No drops may be processed after this date. A mark of "W" (withdrawal) is recorded for credits dropped during the **Drop Period**.

STEP 4: CHECK ON COURSE AVAILABILITY

Is the Course Open? Don't wait until you are ready to register to find out if a course is open. There are four ways students can check on course availability:

- MARS Section Status feature can be accessed any time during MARS operating hours. See page 11 for instructions.
- Come to the Mitchell Building and check the course information posted in the first floor hallway. Information will also be posted in the Reckord Armory August 29 - September 4.
- Try SEATS - SEATS is a computer service designed to help students with course planning. It features up-to-date Schedule of Classes course information. It can be easily accessed at Computer Science WAM labs or any of the more than 800 computer workstations across campus using the campus network, UMDNET. Try SEATS before you register. You can build a tentative schedule using current data on open sections, waitlists, and USP and CORE courses. Course information is updated hourly. Select SEATS from the menu options at any campus WAM lab, or dial in remotely using telnet seats.umd.edu.
- Access the Schedule of Classes on the Web at www.testudo.umd.edu.
- Use VENUS on the Web for help in building your schedule. www.ads-rr.umd.edu/V/venus.html

STEP 5: COMPLETE REGISTRATION FORM AND REGISTER

Prior to registering complete appropriate forms and make sure all special permissions and advising requirements have been met. Process Schedule Adjustments or register during dates and times in STEP 1.

MARS: If you are calling MARS for registration or schedule adjustment complete the MARS Worksheet on page 11. Call MARS during the dates and hours listed in STEP 1.

Walk-In Schedule Adjustment: Complete a Schedule Adjustment form for adds, drops, section changes, grading option changes and credit level changes. Schedule Adjustment forms are available in Room 1101 Mitchell Building and the Reckord Armory (August 29 - September 4). Bring Photo ID and registration card to Room 1101 Mitchell Building or Reckord Armory during the dates and times listed in STEP 1.

Walk-In Registration: Complete a Registration Form prior to registering at Room 1101 Mitchell Building or the Reckord Armory (August 29 - September 4). Make sure you are eligible for all requested courses.

STEP 6: PAY TUITION AND FEES

Students who register before August 8, 1997 and earlier will receive a schedule and bill in the mail. PAYMENT IN FULL MUST BE MADE NO LATER THAN AUGUST 8, 1997 for students registering by July 11, 1997, and September 5, 1997 for students registering between Jul;y 12 and August 8, 1997. No bill will be mailed for students who register after August 8, 1997. All charges incurred after August 8, 1997 are due on September 10, 1997 without exception. For additional information on Bill Payment and Financial Aid see pages 17 and 18.

***ID/Registration Cards*:** Students who need a Photo ID and/or registration card must present proof of bill payment at the Registration Counter, First floor lobby, Mitchell Building, Monday-Friday, 8:30 a.m. - 4:30 p.m.

Faculty/Staff Registration Procedures and Remission of Tuition

Faculty and staff who wish to register for courses must be admitted to the University as an undergraduate or graduate student prior to registration. Follow the steps listed below.

STEP 1: **Contact department representative responsible for processing Tuition Remission Forms. Complete the forms and make sure they are forwarded to the Personnel Services Department, 1101 Chesapeake Building.**

Tuition Remission: Every semester an approved Tuition Remission form must be turned in to the College Park Personnel Services Department - Staff Benefits Office in order to receive credit on the student bill for courses taken by faculty and staff members. The authorizing department will forward this form directly to the Personnel Services Department. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted before the scheduled deadlines. Tuition remission benefits are administered in accordance with University Policy. Questions regarding employee tuition remission? Call the Staff Benefits Office at 405-5658.

Deadline to submit Tuition Remission Form for Fall 1997

a. Early Registrants — before August 8, 1997

b. Students registering after August 8, 1997 — must submit Tuition Remission form and settle their account in full by August 29, 1997

All Forms Must Be Submitted Before August 29, 1997.

STEP 2: **Contact the appropriate admissions office if necessary:**

Undergraduate Admissions	Mitchell Building (Basement)	314-8385
Graduate Admission	Lee Bldg. (2nd Floor)	405-4198
Non-degree seeking faculty *(registration is on a space available basis)*	Contact Jane Graham 1101 Mitchell Bldg.	314-8239

STEP 3: **Follow appropriate Registration Procedures. If you have any questions call Registrations at 314-8240.**

Undergraduate Students	read page 5-6
Graduate Students	read page 7-8

Teacher's Registration

WHO? Teachers who have previously been admitted to the University of Maryland College Park Campus, either graduate or undergraduate, and who were enrolled for Spring 1997. Teachers not enrolled during Spring 1997 follow appropriate directions below.

Undergraduate Students - Apply for readmission at the Office of Undergraduate Admissions, lower level, Mitchell Building 314-8382 where a registration form will be issued. See page 5 for Fall 1997 registration procedures.

Graduate Students - Check with Graduate School Admissions, 405-4198, to determine eligibility. See page 7 for Fall 1997 registration procedures.

Dropping Courses & Refund Information

Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged for courses by the credit hour. If the course is dropped the first day of classes and later, (September 2nd and later), a percentage charge and/or complete charge for the course will be imposed.

1. September 1 or earlier (prior to the first day of classes) — 100% refund
   There will be no charge for courses dropped prior to this date.
2. September 2-8 (during the first five days of classes) — 80% refund
   There will be a 20% charge imposed for courses dropped during this period.
3. September 9 and after (anytime after the first five days of classes) — 0 % refund
   There will be no refund; students incur the full charge for courses dropped during this period.

IMPORTANT NOTES:

First ten days of classes (from September 2-15): Students will not be charged to drop and add a course if they are of equal credit value, for example dropping CHEM 678 and adding CHEM 691 (both three credit courses), and if they are processed on the same day. This is considered an even exchange. Remember, to avoid additional charges when dropping and adding, BOTH the drop and the add must be done during the same day. The total number of credits dropped and added must be equal.

After the first ten days of classes (September 16 and later): Even exchanges of dropped and added credits will not be accepted. ***Courses added and dropped after the 10th day of classes will be charged as follows: there will be no refund for the drop, and 100% charge per credit for any adds.***

GRAD STUDENT INFORMATON 7

Graduate Student Registration Procedures

ALL GRADUATE STUDENTS ARE ENCOURAGED TO TAKE ADVANTAGE OF MARS OR THE MAIL-IN REGISTRATION PROCEDURE. EARLY REGISTRATION CONTINUES THROUGH AUGUST 8, 1997. EACH DEPARTMENT/PROGRAM WILL CONTROL THE DISTRIBUTION OF MATERIALS FOR GRADUATE STUDENTS. CURRENTLY ENROLLED GRADUATE STUDENTS SHOULD HAVE RECEIVED A POSTCARD NOTIFYING THEM ABOUT REGISTRATION PROCEDURES.

NOTE: Financially ineligible graduate students must adhere to the following procedures prior to registration:

1. Complete bill payments at the Bursar's office, Room 1135 Lee Building, or call MARS at 301-403-0500 if paying by credit card.
2. Obtain a Financial Clearance from the Bursar's office.
3. Take the clearance to your department to pick up registration materials. Include a copy of clearance form with schedule request form.

Most Graduate Students are eligible to use MARS for their initial registration or schedule adjustments. See the MARS worksheet on page 11 for instructions.

REGISTRATION STEPS:

STEP 1—Review the chart on page 8 to determine departmental requirements based on status as a newly admitted or returning graduate student.

NEWLY ADMITTED: Any student receiving an admission letter from the Graduate School for Fall 1997.

RETURNING STUDENT: Any student admitted to a Graduate program prior to and including Spring 1997.

STEP 2—If advising is mandatory, (see page 8) or needed, contact the department to arrange an appointment. If no advising is required, student must contact the department about distribution of schedule request form and transcript.

STEP 3—Review course listings for restrictions. Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 42, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registration for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have cumulative credit requirements. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization). Students should be sure they have authorization prior to registering.

STEP 4—Complete Graduate Schedule Request Form and return it to the department or to the Registration Office, as indicated in the Graduate Registration Procedure Chart on page 8, or call MARS at 301-403-0500.

NOTE: *If the department permits, students may return the form directly to the Registration Office by mail through August 8, 1997, or in-person through September 5, 1997. Note however, that late registration begins September 2, 1997.*

Registration Office
Room 1130 Mitchell Building
College Park, Maryland 20742

STEP 5—Confirmation of Fall 1997 schedules will be mailed to students according to the following schedule:

Course Request received	*Schedule, Bill and Registration Card sent:*
Through July 11	July 16
July 12 - August 8	August 13
August 9 and after	pick-up in person

Immunization

The University of Maryland requires all freshmen, new graduate, and transfer students to provide documentation of Measles, Mumps, Rubella, and Tetanus/Diphtheria. It is as student's responsibility to provide this information to the Health Center before school begins. This requirement is mandatory.

Continuous Registration

(Doctoral Students Only)
Following advancement to candidacy by the Graduate Council for the doctoral degree, every graduate student must register each Fall and Spring semester until the degree is awarded.

ID Cards

Photo ID and semester registration cards are used together for University services requiring identification. Photo ID cards are available at the Registration Counter located on the first floor of the Mitchell Building, Monday - Friday, 8:30 am - 4:30 pm. Students unable to visit during these hours should contact the Registration Office at 301-314-8218 to schedule an ID appointment at another time.

Advising

Graduate students registering for courses must have the approval of their program advisors in order to make certain that the minimum Graduate School and program requirements are being satisfied. See page 8 for specific advising procedures required by your program.

Full Time Status

Official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes. **Please note students receiving a private scholarship must maintain full-time status throughout the semester in order to keep their scholarship, unless otherwise stipulated by the donor in writing.**
To be certified as a full-time student a graduate student must be officially registered for a combination of courses equivalent to 48 units per semester. Graduate assistants holding full-time teaching or research appointments are full-time students if they are registered for at least 24 units in addition to the assistantship. Courses taken for Audit do not generate graduate units and cannot be used in calculating full-time or part-time status.

Graduate Units

Course Number	Graduate Unit
000-399	2 units per credit hour
400-499	4 units per credit hour
500-599	5 units per credit hour
600-898	6 units per credit hour
799	12 units per credit hour
899	18 units per credit hour
UMEI 005	6 units per credit hour

Program Changes

Graduate students wishing to change programs or degree objectives must submit a new application to the Graduate School. Current deadlines for new applications apply.

Pass-Fail

Gradute students are not eligible for the Pass-Fail grading option for courses numbered 400 and above.

Thesis and Dissertation Students

The Graduate School has prepared a handbook to assist graduate students in the preparation of master's theses and doctoral dissertations. The handbook can be purchased at the Reckord Armory in the Reprographics Center, Room 0127. All graduate students preparing theses or dissertations are required to follow the format requirements outlined in this booklet. Comments and suggestions for improving presentation of the guidelines are welcome and encouraged.
As of July 1, 1987, the Graduate School instituted a formal thesis and dissertation format review procedure. All graduate students writing a thesis or dissertation are required to have that thesis or dissertation inspected and approved by the Graduate School Records Office. Theses and dissertations which do not meet the expected minimum standards, as outlined in the handbook, will not be accepted; thus, graduation may be delayed. Details about these requirements may be obtained from the Graduate Records Office, 2107 Lee Building. (301-405-4202)

Fall Semester 1997 Deadlines- Graduate Students

August 8 ..... Last day for mail-in registration
September 1 ..... Campus closed; Labor Day Holiday
September 1 ..... Last day to cancel Fall 1997 registration
September 2 ..... First Day of Classes
September 2 ..... Late Registration begins through September 15
September 15 ..... Last day to submit applications for December 1997 Graduation to the Registration Counter, Mitchell Building
September 22 ..... DOCTORAL STUDENTS: Deadline for submitting Nomination of Dissertation Committee form to the Graduate Records Office for December 1997 Commencement.
October 6 ..... MASTERS STUDENTS: Deadline for submission of the following materials to the Graduate Records Office for December 1997 Graduation:

- Approved program form (Thesis and Non-Thesis Students)
- Nomination of Thesis committee form

November 10* ..... Last day to adjust schedule, (drop, add, change credit level, or grading method)
December 5 ..... DOCTORAL STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1997 Graduation:

-Two final, acceptable copies of the completed dissertation
-The original signed Report of the Oral Examining Committee
-Survey of earned Doctorates
-UMI Microfilm Contract
-UMI/UMCP Agreement

December 12 ..... MASTERS STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1997 Graduation:

-The original signed report of the Oral Examining Committee
-Two final, acceptable copies of the Master's Thesis
or Certificate of Completion of Masters Degree Without Thesis

December 12 ..... Last day of classes
December 21 (NOTE DATE CHANGE) ..... COMMENCEMENT

**Must have department stamp to add a course after September 15*

NOTE: ALL COURSES ADDED AFTER SEPTEMBER 15TH WILL REQUIRE FULL PAYMENT EVEN IF A COURSE WITH COMPARABLE CREDIT IS DROPPED AT THE SAME TIME. *See Bottom of Page 6*

INTENTIONAL SECOND EXPOSURE

6 REGISTRATION

Need Special Permission?

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All Forms Must Be Submitted Before August 29, 1997.

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Undergraduate Students	read page 5-6
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Dropping Courses & Refund Information

Graduate Students and Part-Time Undergraduates

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IMPORTANT NOTES:

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After the first ten days of classes (September 16 and later): Even exchanges of dropped and added credits will not be accepted. ***Courses added and dropped after the 10th day of classes will be charged as follows: there will be no refund for the drop, and 100% charge per credit for any adds.***

GRAD STUDENT INFORMATON 7

Graduate Student Registration Procedures

ALL GRADUATE STUDENTS ARE ENCOURAGED TO TAKE ADVANTAGE OF MARS OR THE MAIL-IN REGISTRATION PROCEDURE. EARLY REGISTRATION CONTINUES THROUGH AUGUST 8, 1997. EACH DEPARTMENT/PROGRAM WILL CONTROL THE DISTRIBUTION OF MATERIALS FOR GRADUATE STUDENTS. CURRENTLY ENROLLED GRADUATE STUDENTS SHOULD HAVE RECEIVED A POSTCARD NOTIFYING THEM ABOUT REGISTRATION PROCEDURES.

NOTE: Financially ineligible graduate students must adhere to the following procedures prior to registration:

1. Complete bill payments at the Bursar's office, Room 1135 Lee Building, or call MARS at 301-403-0500 if paying by credit card.
2. Obtain a Financial Clearance from the Bursar's office.
3. Take the clearance to your department to pick up registration materials. Include a copy of clearance form with schedule request form.

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STEP 1—Review the chart on page 8 to determine departmental requirements based on status as a newly admitted or returning graduate student.

NEWLY ADMITTED: Any student receiving an admission letter from the Graduate School for Fall 1997.

RETURNING STUDENT: Any student admitted to a Graduate program prior to and including Spring 1997.

STEP 2—If advising is mandatory, (see page 8) or needed, contact the department to arrange an appointment. If no advising is required, student must contact the department about distribution of schedule request form and transcript.

STEP 3—Review course listings for restrictions. Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 42, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registration for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have cumulative credit requirements. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization). Students should be sure they have authorization prior to registering.

STEP 4—Complete Graduate Schedule Request Form and return it to the department or to the Registration Office, as indicated in the Graduate Registration Procedure Chart on page 8, or call MARS at 301-403-0500.

NOTE: *If the department permits, students may return the form directly to the Registration Office by mail through August 8, 1997, or in-person through September 5, 1997. Note however, that late registration begins September 2, 1997.*

Registration Office
Room 1130 Mitchell Building
College Park, Maryland 20742

STEP 5—Confirmation of Fall 1997 schedules will be mailed to students according to the following schedule:

Course Request received	*Schedule, Bill and Registration Card sent:*
Through July 11	July 16
July 12 - August 8	August 13
August 9 and after	pick-up in person

Immunization

The University of Maryland requires all freshmen, new graduate, and transfer students to provide documentation of Measles, Mumps, Rubella, and Tetanus/Diphtheria. It is as student's responsibility to provide this information to the Health Center before school begins. This requirement is mandatory.

Continuous Registration

(Doctoral Students Only)
Following advancement to candidacy by the Graduate Council for the doctoral degree, every graduate student must register each Fall and Spring semester until the degree is awarded.

ID Cards

Photo ID and semester registration cards are used together for University services requiring identification. Photo ID cards are available at the Registration Counter located on the first floor of the Mitchell Building, Monday - Friday, 8:30 am - 4:30 pm. Students unable to visit during these hours should contact the Registration Office at 301-314-8218 to schedule an ID appointment at another time.

Advising

Graduate students registering for courses must have the approval of their program advisors in order to make certain that the minimum Graduate School and program requirements are being satisfied. See page 8 for specific advising procedures required by your program.

Full Time Status

Official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes. **Please note students receiving a private scholarship must maintain full-time status throughout the semester in order to keep their scholarship, unless otherwise stipulated by the donor in writing.**
To be certified as a full-time student a graduate student must be officially registered for a combination of courses equivalent to 48 units per semester. Graduate assistants holding full-time teaching or research appointments are full-time students if they are registered for at least 24 units in addition to the assistantship. Courses taken for Audit do not generate graduate units and cannot be used in calculating full-time or part-time status.

Graduate Units

Course Number	Graduate Unit
000-399	2 units per credit hour
400-499	4 units per credit hour
500-599	5 units per credit hour
600-898	6 units per credit hour
799	12 units per credit hour
899	18 units per credit hour
UMEI 005	6 units per credit hour

Program Changes

Graduate students wishing to change programs or degree objectives must submit a new application to the Graduate School. Current deadlines for new applications apply.

Pass-Fail

Gradute students are not eligible for the Pass-Fail grading option for courses numbered 400 and above.

Thesis and Dissertation Students

The Graduate School has prepared a handbook to assist graduate students in the preparation of master's theses and doctoral dissertations. The handbook can be purchased at the Reckord Armory in the Reprographics Center, Room 0127. All graduate students preparing theses or dissertations are required to follow the format requirements outlined in this booklet. Comments and suggestions for improving presentation of the guidelines are welcome and encouraged.
As of July 1, 1987, the Graduate School instituted a formal thesis and dissertation format review procedure. All graduate students writing a thesis or dissertation are required to have that thesis or dissertation inspected and approved by the Graduate School Records Office. Theses and dissertations which do not meet the expected minimum standards, as outlined in the handbook, will not be accepted; thus, graduation may be delayed. Details about these requirements may be obtained from the Graduate Records Office, 2107 Lee Building. (301-405-4202)

Fall Semester 1997 Deadlines- Graduate Students

August 8 ..... Last day for mail-in registration
September 1 ..... Campus closed; Labor Day Holiday
September 1 ..... Last day to cancel Fall 1997 registration
September 2 ..... First Day of Classes
September 2 ..... Late Registration begins through September 15
September 15 ..... Last day to submit applications for December 1997 Graduation to the Registration Counter, Mitchell Building
September 22 ..... DOCTORAL STUDENTS: Deadline for submitting Nomination of Dissertation Committee form to the Graduate Records Office for December 1997 Commencement.
October 6 ..... MASTERS STUDENTS: Deadline for submission of the following materials to the Graduate Records Office for December 1997 Graduation:

- Approved program form (Thesis and Non-Thesis Students)
- Nomination of Thesis committee form

November 10* ..... Last day to adjust schedule, (drop, add, change credit level, or grading method)
December 5 ..... DOCTORAL STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1997 Graduation:
-Two final, acceptable copies of the completed dissertation
-The original signed Report of the Oral Examining Committee
-Survey of earned Doctorates
-UMI Microfilm Contract
-UMI/UMCP Agreement
December 12 ..... MASTERS STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1997 Graduation:
-The original signed report of the Oral Examining Committee
-Two final, acceptable copies of the Master's Thesis
or Certificate of Completion of Masters Degree Without Thesis
December 12 ..... Last day of classes
December 21 (NOTE DATE CHANGE) ..... COMMENCEMENT

**Must have department stamp to add a course after September 15*

NOTE: ALL COURSES ADDED AFTER SEPTEMBER 15TH WILL REQUIRE FULL PAYMENT EVEN IF A COURSE WITH COMPARABLE CREDIT IS DROPPED AT THE SAME TIME. *See Bottom of Page 6*

8 GRAD STUDENT INFORMATION

Graduate Students: use this chart to determine advising requirements and locations for Fall 1997 registration.

DEPARTMENT/PROGRAM		LOCATION	STUDENT STATUS			
			Newly Admitted Students		Returning Students	
			Advising	Return Completed Forms to:	Advising	Return Completed Forms to:
ADVP	Animal Sciences	4149 Animal Sci Center	Mandatory	Registration Office	Mandatory (except 799-899)	Registration Office
AGRO	Agronomy	1109 H J Patterson	Mandatory	Registration Office	Mandatory	Registration Office
AMST	American Studies	2140 Taliaferro	Mandatory	Registration Office	Optional	Registration Office
ANTH	Anthropology	1115 Woods Hall	Mandatory	Department	Mandatory	Department
ARCH	Architecture	1298 Architecture	Mandatory	Registration Office	Optional	Registration Office
AREC	Agricultural & Resource Economics	2210 Symons Hall	Mandatory	Registration Office	Mandatory	Registration Office
ARTH	Art History & Archeology	1211 Art/Socy	Mandatory	Registration Office	Mandatory	Registration Office
ARTT	Art	1211 Art/Socy	Optional	Registration Office	Optional	Registration Office
ASTR	Astronomy	1206 Space Sci	Mandatory	Registration Office	Mandatory (except 799-899)	Department
BCHM	Biochemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Registration Office
BMGT	Business and Management	2308 VMH	MBA: permission of Director		MBA optional	Department
	BMBA Master of Business Administration	2308 VMH	MS: see faculty advisor		MS Optional	Department
	BMJT Joint MBA/MS	2308 VMH	or Director		Ph. D. Optional	MS: see faculty advisor or Dept.
	BMSB Master of Science	2308 VMH				
	BPHD Ph.D Program	Ph.D: 2407 VMH	Ph.D. at Orientation			
	BMSW Business Social Work Combined	2308 VMH	N/A	N/A	N/A	N/A
	BMPM	See BMGT and MAPM			Optional	Department
CHEM	Chemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
CHPH	Chemical Physics	1126 Physics Bldg	Optional	Registration Office	Optional	Registration Office
CLAS	Classics	2407 Marie Mant	Mandatory	Registration Office	Optional	Registration Office
CMLT	Comparative Literature	4220 Jimenez	Mandatory	Registration Office	Mandatory	Registration Office
CMPL	Community Planning	1113 LeFrak Hall	Mandatory	Registration Office	Mandatory	Registration Office
CMSC	Computer Science	1119 A.V. Williams	Mandatory	Registration Office	Mandatory	Registration Office
CONS	Sustainable Development and Conservation Biology	3210 Zoo/Psyc Bldg	Mandatory	Registration Office	Optional	Registration Office
CRIM	Criminal Justice & Criminology	2220 LeFrak Hall	at Orientation	at Orientation	Optional	Registration Office
CRWR	Creative Writing	Surge Bldg	Optional	Registration Office	Optional	Registration Office
DANC	Dance	1132 Dance Bldg	Mandatory	Registration Office	Mandatory	Registration Office
ECON	Economics	3127F Tydings	Mandatory	Department	Optional	Department
EDCI	Curriculum and Instruction	2311 H.R. Benjamin	Mandatory	Registration Office	Optional	Registration Office
EDCP	Counseling and Personnel Services	3214 H.R. Benjamin	Mandatory	Registration Office	Mandatory (except 799-899)	Registration Office
EDHD	Human Development	3304 H.R. Benjamin	Mandatory	Registration Office	Optional	Registration Office
EDMS	Measurement, Statistics and Evaluation	1230 H.R. Benjamin	Optional	Registration Office	Optional	Registration Office
EDPA	Policy, Planning and Administratioin	2110 H.R. Benjamin	Optional	Registration Office	Optional	Registration Office
EDSP	Special Education	1304 H.R. Benjamin	Mandatory	Registration Office	Optional	Registration Office
ENAE	Aerospace Engineering	0151 Engr Classroom Bldg	Mandatory	Department	Mandatory	Registration Office
ENBE	Agricultural Engineering	1431 Agri Engr Bldg	Mandatory	Registration Office	Mandatory	Registration Office
ENCE	Civil Engineering	1179 Engr Classroom Bldg	Optional	Registration Office	Optional	Registration Office
ENCH	Chemical Engineering	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENEE	Electrical Engineering	2434 A. V. Williams	Optional	Registration Office	Optional	Registration Office
ENFP	Fire Protection Engineering	0151 Engr Classroom Bldg	Mandatory	Department	Mandatory	Department
ENGL	English	Surge Bldg	Optional	Registration Office	Optional	Registration Office
ENMA	Material Sciences Engineering	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENME	Mechanical Engineering	2166 Engr Classroom Bldg	Mandatory	Registration Office	Optional	Registration Office
ENNU	Nuclear Engineering	2309 Chem Engr Bldg	Optional	Registration Office	Optional	Registration Office
ENPM*	Professional Masters	2174 Engineering Classroom Bldg	Optional	Department	Optional	Department
ENRE	Reliability Engineering	2141 Chem Engr Bldg	Optional	Registration Office	Optional	Registration Office
ENSE	Systems Engineering	2101 A.V. Williams	Mandatory	Registration Office	Mandatory	Registration Office
ENTM	Entomology	1300 Symons Hall	Mandatory	Registration Office	Mandatory	Registration Office
ENTS*	Telecommunications	3181 Engr. Classroom Bldg.	Mandatory	Department	Mandatory	Department
FDSC	Food Science	3304 Marie Mount	Mandatory	Registration Office	Mandatory	Registration Office
FMST	Family Studies	1204 Marie Mount	Optional	Registration Office	Optional	Registration Office
FRIT	French Language and literature	3106D Jimenez	Mandatory	Registration Office	Mandatory	Registration Office
GEOG	Geography	1163 LeFrak	Mandatory	Registration Office	Mandatory	Registration Office
GELS	Geography and Library Science	See GEOG & LBSC	N/A	N/A	N/A	N/A
GEOL	Geology	1115 Geology Bldg	Mandatory	Registration Office	Mandatory	Registration Office
GERS	Germanic Studies	3215 Jimenez	Mandatory	Registration Office	Mandatory	Registration Office
GRAD	Advanced Special Student	2117 Lee Bldg.	Not Required	Registration Office	Not Required	Registration Office
GVPT	Government & Politics	3140 Tydings Hall	at Orientation	at Orientation	Optional	Registration Office
HESP	Hearing and Speech Sciences	0100 LeFrak Hall	Mandatory	Registration Office	Mandatory	Registration Office
HILS	History Library and Information Sciences	see LBSC	N/A	N/A	N/A	N/A
HIST	History	2117 Francis Scott Key	Mandatory	Registration Office	Mandatory (except 799/899)	Registration Office
HLTH	Health Education	2387 HLHP Bldg	at Orientation	at Orientation	Mandatory	Registration Office
HORT	Horticulture	1122 Holzapfel	Mandatory	Registration Office	Mandatory (except 799/899)	Registration Office
JOUR	Journalism	1118 Journalism	Mandatory	Registration Office	Optional	Registration Office
KNES	Kinesiology	2351 HLHP Bldg	Mandatory	Registration Office	Mandatory (except 799/899)	Registration Office
LBSC	Library and Information Services	4110 Hornbake	Mandatory	Department	Mandatory	Department
LING	Linguistics	1401 Marie Mant	Mandatory	Registration Office	Optional	Registration Office
LMBA	Business Law Combined	2308 VMH	see Admit Letter		Mandatory	Department
LMPM	Public Management Law Combined	see MAPM	N/A	N/A	N/A	N/A
MAPL	Applied Mathematics	1112 Math Building	by appointment	at appointment	Optional	Department
MAPM	Public Management	2308 VMH	Mandatory	Department	Mandatory	Registration Office
MAPP	Public Policy	1218 LeFrak Hall	Mandatory	Department	Mandatory	Registration Office
MATH	Mathematics	1112 Math Building	by appointment or at GA Orient	at appointment or Orientation	Optional	Department
MCOM	Mass Communications	1118 Journalism	Mandatory	Registration Office	Optional	Registration Office
MEES	Marine-Estuarine-Environmental Science	0313 Symons Hall	Optional	Registration Office	Optional	Registration Office
METO	Meteorology	2207 Space Sci	at Orientation	Registration Office	Mandatory (except 799/899)	Registration Office
MICB	Microbiology	2131 Skinner	Mandatory	Registration Office	Mandatory	Registration Office
MOCB	Molecular and Cellular Biology	1123 Microbiology	Mandatory	Registration Office	Mandatory	Registration Office
MSWE*	Master of Software Engineering	Joint Program with University College (301-985-7155)	Mandatory	University College (301-985-7155)	Mandatory	University College Univ. Blvd. at Adelphi Rd College Park, Md 21741-0869
MUSC	Music	2110 Tawes	Mandatory	Registration Office	Mandatory	Registration Office
NACS	Neuroscience and Cognitive Sciences	2205 Zoo Psyc Bldg.	Mandatory	Department	Mandatory	Department
NUTR	Nutrition	3304 Marie Mount	Mandatory	Registration Office	Mandatory (except 799/899)	Registration Office
PBIO	Plant Biology	1223 H.J. Patterson	at Orientation	Registration Office	Optional	Registration Office
PCOM	Public Communication	2109 Journalism	Optional	Registration Office	Optional	Registration Office
PHIL	Philosophy	4360 Computer Science Center	Mandatory	Registration Office	Mandatory	Registration Office
PHYS	Physics	1120 Physics Bldg	Mandatory	Department	Mandatory (except 799/899)	Registration Office
POSI	Policy Studies	1212 LeFrak Hall	Mandatory	Department	Mandatory	Registration Office
POUL	Poultry Science	3129 Animal Science Center	Mandatory	Registration Office	Mandatory (except 799/899)	Registration Office
PSYC	Psychology	1147 Zoo Psyc Bldg	Mandatory	Department	Mandatory	Department
RECR	Recreation	2367 HLHP Bldg	Mandatory	Department	Mandatory	Department
RUSS	Russian Language and Linguistics	3215 Jimenez	Mandatory	Registration Office	Mandatory	Registration Office
SOCY	Sociology	2108Art/Socy Bldg	Mandatory	Department	Mandatory (except 799/899)	Department
SPAP	Spanish Language and Literature	2215 Jimenez	Mandatory	Registration Office	Mandatory	Registration Office
SPCM	Speech Communication	2123 Skinner	Mandatory	Registration Office	Mandatory	Registration Office
STAT	Mathematical Statistics	1112 Math Bldg	Mandatory at appointment or at GA Orient	at appointment or orientation	Mandatory	Department
SURV	Survey Methodology	1218 LeFrak Hall	Mandatory	Department	Mandatory	Department
THET	Theatre	0240 Tawes	Mandatory	Registration Office	Mandatory	Registration Office
TOXI	Toxicology	0300 Symons Hall	Mandatory	Registration Office	Mandatory	Registration Office
ZOOL	Zoology	3210 Zoo/Psyc Bldg	Mandatory	Registration Office	Optional	Registration Office
INTERCAMPUS ENROLLMENT PROGRAM: UMAB UMBC UMES UMUC Intercampus Student		1108 Mitchell Bldg.	at Home Campus	Office of Special Programs at Host Campus Intercampus Form Must be Attached	Office of Special Programs at Host Campus Inter Campus Form Must be Attached	Office of Special Programs at Host Campus Inter Campus Form Must be Attached

*Note: Differential Tuition

MARS 9

MARYLAND AUTOMATED REGISTRATION SYSTEM

MARS FEATURES

Welcome to MARS! The MARS Main Menu is divided into different areas representing various student services - Registration Activities, Grade Inquiry, Financial Information and more. Each area is represented by a different number on the telephone keypad, and within each area there are various functions. Listen carefully to MARS for selection numbers. MARS is frequently being updated so check the MARS Main Menu for new applications and services.

REGISTRATION ACTIVITIES MENU

This is the most widely used area of MARS and includes functions for course registration, schedule adjustment, searching for open course sections, getting on a waitlist, and listing your course schedule. Remember advising or special course permissions may be required before registering.

Registration/Schedule Adjustment: Use this feature to add and drop courses, change a grading method or credit level, list your current schedule, check on open sections, or place yourself on a waitlist. See page 11 for a MARS Course Worksheet and directions for using MARS to register.

Waitlist Check-In: Students can use MARS to fulfill the mandatory waitlist check-in obligation or check the status of their waitlisted courses Read page 12 for waitlist information.

Section Status: Up-to date course availability data is provided through Section Status. To inquire about a section use the course/section Index Number in the course listings. If a course is closed, the number of students on the waiting list will be given. Because this feature is only informational, no registration blocks are enforced.

List Schedule: MARS will list the courses for which you are currently registered.

Regisration and Appointment Status: Lists student early registration dates as well as advising requirements, financial eligbility and registration blocks.

GRADE INQUIRY

Provides semester and early warning grades as soon as they are available.

CAMPUS PARKING APPLICATION

Students can apply for parking permits and change lot selections. See page 10.

FINANCIAL INFORMATION

Account Balance and Payment: Use MARS to pay your bill or check your account balance.

Check Disbursement: Students receiving aid can use this feature to schedule an appointment to pick up aid checks.

Financial Aid Inquiry Student can check on the status of their financial aid application and receive aid information.

PIN CHANGE

A student's initial Personal Identification Number or PIN is set to their 6-digit birthdate (For example 062176). This number must be changed the first time you access MARS. Also use this feature to change your PIN if you feel the security of the number has been compromised.

CAMPUS SURVEYS

This feature is used as a tool to conduct surveys on various issues effecting students.

CALLING MARS

Schedule adjustment and registration with *MARS* is convenient and easy. *MARS* utilizes the telephone key pad to communicate your course requests to the computer. The *MARS* Course Worksheet and key pad on page 11 will guide you through the process. Just follow the steps below, and then call *MARS*.

- FOLLOW steps 1 - 6 in Getting Ready to Register (Pages 5 & 6).
- Fill out the MARS course worksheet on page 11 and enter the information on each line. Use an ACTION CODE, section INDEX NUMBER, and # (pound sign) on the key pad for each transaction. After entering all lines press # (pound sign) again to signal the computer to process course requests.

ACTION CODE - tells the computer what you want to do, for example add (press 2), drop (press 3) or list courses (press 5). All ACTION CODES are listed on page 11.

INDEX NUMBERS - identify the individual course and section. Each course has a unique 5-digit index number in the course listings section of the Schedule of Classes. The INDEX NUMBER is in parenthesis to the right of the section number. Contact the department offering the course for INDEX NUMBERS not listed in the Schedule of Classes.

- Call *MARS* for registration, schedule adjustment and waitlist check-in during the times listed below. Listen to MARS carefully, you will be prompted for your Student ID Number (social security number) and PIN (Personal Identification Number). Note: Late Registration begins September 2, 1997

  Monday - Saturday 7:30 a.m. - 11:00 p.m. (usually available during these hours)
  Sunday 5:00 p.m. - 11:00 p.m.

- Phone Numbers:
  MARS 301-403-0500
  (From on-campus dial 9-403-0500)
  MARS HELPLINE call 301-314-1600
  (call the *MARS* Helpline between the hours of 8:30 and 4:30 if you have any questions or concerns)

VENUS

VENUS, or the Virtual Electronic Network University Scheduler, can be accessed through the Internet and is being widely used by University of Maryland students as a tool to create their course schedule.

Venus assembles schedules by considering all the possible combinations that can be produced with the courses that a student specifies. The student simply enters the courses he/she is considering, and Venus gives schedule options using all the specified course sections. The Venus online tutorial will get you started.

Check out Venus at http://www.ads-rr.umd.edu/V/venus.html

WORDS FROM MARS

ACCIDENTAL TERMINATION OF CALL: If you are accidently cut off from *MARS* before you complete your request, recall the system. You will be registered for transactions processed prior to termination. After entering your student ID and PIN, press 5 # # to list your course schedule. *MARS* will list the courses for which you are already registered. You may then make additions or changes to your schedule.

CANCELLATION OF REGISTRATION: Note that whether you register in person, or by *MARS* your entries are part of your registration record. See Cancellation of Registration, page 12, for deadlines and information.

DISCONNECTIONS: Time limits are built into the system. If you are on the *MARS* line for an extended period of time you will be disconnected. Error limits are also a part of *MARS*. If you do not enter the correct information after the second try, *MARS* will disconnect. You may immediately call *MARS* back. List your schedule (5##) to verify prior transactions..

DROPPING: You may drop a course by using Action Code 3 # # with Drop/Add. *MARS* will list all of your courses and give you the option to drop. *Before dropping one course in order to register for another course, be sure to use Open Section Look-up to insure that the course is available. Once a closed course has been dropped, you will be unable to reregister for the course. The next person on the waitlist has been given your seat.*

FUNDAMENTAL STUDIES: Students with a Fundamental Studies Block should contact their college office for a temporary extension. If you are registering for the required course, you must register in person.

SCHEDULE ADJUSTMENT: Schedule Adjustment for Fall 1997 begins May 8, 1997. Call *MARS* during operating hours: Monday - Saturday 7:30 a.m. to 11:00 p.m., Sunday 5:00 p.m. - 11:00 p.m or use www.testudo.umd.edu. Walk-in Schedule Adjustment is also available. See page 5, step 1, for dates and times.

GRADE INQUIRY: This feature of MARS provides students with semester and early warning grades as soon as they are available. In December 1997 use MARS, the Web or a Kiosk to get your Fall 1997 grades. Use your Student ID Number and PIN, and as soon as your grades are processed, they will be available electronically. Grade Point Averages will be calculated in early January 1998 after all final grades have been posted. ***Grade reports will no longer be mailed, but Official Transcripts are always available free of charge. See page 35, Transcript Services, for details.***

GRADING METHOD: This refers to the choice of taking a course for a letter grade (A - F), Pass-Fail, or Audit. Change the grading method for a course by using *MARS* Action Code 4 # #. All grading methods are not available for all courses. Additionally, there are restrictions on taking courses Pass-Fail. See page 40 for information.

INDEX NUMBER: Unique five-digit index numbers are assigned to each section of a course. This number is located to the right of the section number in the course listings (beginning on page 42). Index Numbers for independent study courses must be obtained from the department offering the course.

PIN - PERSONAL IDENTIFICATION NUMBER: Most students already have a PIN. For students matriculating for Fall 1997 your initial PIN will be your six-digit birthdate (MMDDYY). Once you have accessed *MARS* you will be required to change this to another six-digit number. Please retain this number, and keep it confidential to insure private access to your records. Your PIN can be changed by selecting the PIN Change Processor from the *MARS* main menu,or at theTestudo web site: www.testudo.umd.edu.

SCHEDULE AND BILL: Students that register August 8, 1997 and earlier will receive a schedule, registration card and bill in the mail. Payment in full must be made no later than August 8, 1997 for students who registered by July 11, 1997 and earlier and by September 5, 1997 for students registering between July 12 and August 8, 1997. Bill Payment is due by September 10, 1997 for students registering after August 8, 1997.

SILENCE DURING PROCESSING: There may be periods of silence during your call to *MARS*. This is normal and occurs when information is being verified or processed. Typically, the amount of silence lasts no longer than 5 seconds; however this time may increase during periods of heavy use. DO NOT HANG UP. Wait for the next set of instructions.

REGISTRATION BLOCKS: Some students, because of their major or academic status, must be advised before they register or process schedule adjustments. *These students include those on academic warning/dismissal, student athletes, students with a fundamental studies block, newly admitted students, and students in the IED and Individual Admit programs*. Advisors can remove these blocks electronically after your advising appointment. You will then be cleared to register using MARS. Be sure to schedule an appointment with your advisor prior to your registration time.

TIME CONFLICTS: *MARS* will not permit you to register for courses that conflict in time. Any exceptions require special permission from your college. To be placed on a waitlist for a course that conflicts with one you are registered for, use Waitlist Action Code 7 # #. If you receive the class from the waitlist, you will then be required to resolve the conflict. If the time conflict is not resolved, the course received from the waitlist will be dropped. Refer to Waitlist Feature on page 12 for more information.

VARIABLE CREDIT: Certain courses can be taken for a variable number of credits. *MARS* will prompt you for the number of credits when you register. You can change the credit level for a variable credit course by using *MARS* Action Code 8 # #.

Anyone using the Maryland Automated Registration System for purposes other than accessing his/her own records will be in violation of University Policy. Calls may be monitored for development purposes.

10 WAITLIST INFO

USING THE WAITLIST

The waitlist is a roster of students who are waiting for a seat to become available in a closed course. The waitlist stores names in order of request, on a first come, first served basis, to allow access to seats as drops are processed. Students can waitlist courses by using MARS or in-person.

Waitlisting with MARS: When attempting to add a closed course, and a waitlist is available, MARS will offer the waitlist option. If this option is selected, you will be placed on the waitlist for the closed section. Additionally, you will be prompted to enter up to five more waitlist sections. Be sure to use the section INDEX NUMBER. Listen carefully, MARS will give information about the MANDATORY and REGULAR CHECK-IN dates. Make note of these important dates.

When following this procedure to place a request on the waitlist, normal registration blocks are enforced. For example, if the desired waitlisted course conflicts in time with an existing added course MARS will prevent you from waitlisting the course. See WAITLIST FEATURE at the bottom of this page for details on how to use MARS to temporarily override time and credit restrictions.

Waitlisting in Person: If a course is closed and a waitlist is available you will be offered the option of being placed on a waitlist. You may waitlist up to six sections of a course. Mandatory Check-In and Regular Check-In dates will be noted on your Schedule Request/ Adjustment form. *You are required to check-in beginning on these dates to remain on the waitlist.* Please retain this information.

WAITLIST CHECK-IN FOR FALL 1997-USE MARS, KIOSKS, OR TESTUDO ON THE WEB.

MARS Waitlist Check-In is available through September 16, 1997. If you are on the waitlist you must call MARS (403-0500), use www.testudo.umd.edu or check-in at a Kiosk on the first day of classes, September 2, 1997 the mandatory check-in date. If you are still on the waitlist after mandatory check-in, you must then call daily during regular check-in, beginning September 3, 1997 to remain on the waitlist. **Remember—you must first check-in on the first day of classes, and then daily to remain on the waitlist.** Call during MARS operating hours:

Monday - Saturday 7:30 a.m. - 11:00 p.m. (late hours are usually available)
Sunday 5:00 p.m. - 11:00 p.m.

Students can also check-in at the Registration Center (1st floor Mitchell Building) through September 2, 1997 and at the Reckord Armory September 2-4, 1997. Regular Check-In will resume in the Mitchell Building **September 5-16, 1997.**

MARS Check-In: MARS waitlist data is transferred daily from the on-line registration system. When students check-in, MARS captures the Student Identification number and it is stored in a file. In the evening, this file is transferred to the on-line registration system. Updated course schedules with received waitlist courses are available the following day. If you place yourself on a waitlist, this information will not be available in MARS waitlist check-in until the following day.

To Check-In using MARS follow steps 1- 5 or visit a MARS Kiosk

1. Call MARS at 403-0500
2. Press 1 for Registration Activities
3. Press 2 for Waitlist Check-In
4. Enter your Student Identification Number (usually your social security number)
5. Enter your PIN (Personal Identification Number)

MARS will either indicate that a specific course was added to your schedule, or that you are still waiting for the course. If the course is received, MARS will confirm that the course was added to your schedule. NOTE that when a course is received from the waitlist it is added to a student's schedule the following day. You may wish to call MARS the next day and list your schedule to verify that the add was processed.

If you have not received the course, and are still on the waitlist, MARS will give your waitlist position and the next mandatory check-in date. MARS will also provide a confirmation number. This number is your assurance that you called MARS for Waitlist check-in that day. **Remember, to remain on the waitlist you must check-in daily once classes begin.**

MARS Waitlist Status: You can check the status of a waitlisted course beginning the day after you register. Call MARS and select Waitlist Check-In from the MARS menu. MARS will list any courses you have received from the waitlist and your waitlist/holdfile position for the section you have not received.

Conflicts: If you call MARS and receive a course from the waitlist which creates a time conflict or causes your schedule to exceed the number of allowable credits, etc., you MUST adjust your schedule by 4:30 p.m. of the following workday. You can use MARS Registration/ Schedule Adjustment, come in to the Registrations Office, or call the MARS Helpline (314-1600). If you do not adjust your schedule, a drop will be processed on the course you received from the waitlist.

WAITLIST INFORMATION

1. **You must check-in once a day, either by calling MARS, or in-person, during the specified period, to remain on the waitlist. Students that do not check-in will be removed from the waitlist.** If a section has already been assigned, the section will be given to the next eligible student.
2. Not all departments offer waitlists for their courses. It is the decision of the department whether or not to offer a waitlist. Some departments have two waitlists - one for eligible majors and one for special populations determined by the department. In those departments where two waitlists are kept, be aware that eligible majors have priority.
3. It is recommended that you complete your schedule with alternative course choices. **BEING PLACED ON A WAITLIST DOES NOT GUARANTEE THAT YOU WILL BE SECTIONED INTO YOUR DESIRED COURSE.**
4. To be eligible for the waitlist/hold file you cannot be registered for any other section of the desired course. If you are currently registered for any other section of the course, you must drop that section before you can be placed on the waitlist. If you remain registered for another section of the same course at the time you waitlist, you will be removed from the waitlists.
5. You may select up to six (6) sections of a course. The first section to become available will be assigned to you by the computer. Since you will now be registered for a section, your name will be removed from the waitlist for that course. If you subsequently refuse the assigned section, that section will be given to the next person waiting for it. You may, at that time, request to be **PLACED AT THE END OF THE WAITING LIST FOR ANOTHER SECTION.**
6. Once you have been placed on a waitlist for a specific course you cannot add any additional sections to the waitlist for that course at the same position. If you later decide to add additional sections they can be added to the end of the waitlist.
7. Students stand a better chance of receiving a course by waitlisting as many sections as possible. However, when waitlisting multiple sections of a course, you should be sure each section fits your schedule unless you plan to drop the course that conflicts with the waitlist section at the time the section is received.
8. Problems resulting from courses received from the waitlist that conflict with a student's schedule must be resolved. After a course is received from the waitlist time conflicts cannot remain on a student's schedule without permission from the student's college. If the course is received and confirmed, students must adjust their schedule in accordance with University policy by 4:30 p.m. of the following workday. If the schedule is not adjusted, a drop will be processed on the received waitlist course.
9. If new sections are opened with exact meeting times to those sections selected, you will be scheduled for the new section by the waitlist processor.
10. Waitlist activity will end the last day of the Schedule Adjustment Period.
11. Students who receive courses from the waitlist prior to the beginning of the semester may receive information from the Registrations Office regarding phone-in procedures. Students eligible to use MARS are encouraged to call MARS for waitlist check-in.

WAITLIST FEATURE (7 # # ON MARS)

Waitlisting a course that conflicts in time with another course or waitlisting a course that if received, would allow a student to be enrolled in credits above the maximum credit restriction requires a student to use the Action Code 7 # # while in Registration/Schedule Adjustment. This procedure only allows an override on the registration blocks for waitlisted courses. If the course is received and confirmed, students must adjust their schedule in accordance with University policy by 4:30 p.m. of the following workday. If the schedule is not adjusted, a drop will be processed on the received waitlist course. Additionally, 7 # # allows students to drop a section of a previously waitlisted course, and provides a listing of waitlist courses.

ADDING A COURSE TO THE WAITLIST:

1. Use Waitlist Action Code - 7 # #.
2. Press Action Code 2, INDEX NUMBER, # #

The course/section has now been added to the waitlist. Listen carefully, you will be prompted to waitlist 5 additional sections if you so desire. The processor will warn you when there are registration blocks associated with your waitlist requests. These will be overridden by the processor. If you receive the course, you MUST resolve the problem by 4:30 p.m. of the following workday to comply with University policy. Failure to adjust your schedule will result in the received class being dropped.

DROPPING A COURSE FROM THE WAITLIST:

1. Use Waitlist Action Code - 7 # #.
2. Press Action Code 3, INDEX NUMBER, # #. The exact course/section has been deleted from your waitlist record.

OR

Press Action Code 3, # #. *MARS* will list all your waitlist courses/sections. Listen carefully. The system will prompt you to drop the desired waitlist course/section.

LISTING WAITLIST COURSES:

1. Use Waitlist Action Code - 7 # #.
2. Press Action Code 5, # #. *MARS* will list your waitlist courses/sections and position number.

If you receive a course from the waitlist you must still reconfirm your request. To reconfirm and receive the course go back to the MARS main menu, select Waitlist Check-in (press 2) and follow instructions.

MARS COURSE WORKSHEET 11

TO ADD COURSES FOLLOW STEPS 1 - 8

1. Before processing your registration fill in the boxes below, one course per line. Each course selection is identified in the Schedule of Classes by a unique 5-digit INDEX NUMBER (to the right of the section number). Be prepared with alternate selections. *Note that **MARS** will not allow you to register for any time conflicts.*
2. Call **MARS** 301-403-0500 (from campus call 9-403-0500)
3. Select Registration Activities from the **MARS** main menu (Option 1).
4. Select Registration, Schedule Adjustment, and Course Listings from the Registration Acticities menu (Option 1).
5. Enter your student ID number (usually your social security number) ___ ___ ___ - ___ ___ - ___ ___ ___ ___
6. Enter your PIN (Personal Identification Number) ___ ___ ___ ___ ___ ___
7. Add courses to your schedule by pressing Action Code 2, the INDEX NUMBER of the course, and #.
8. After you have entered all ADDS in this format, enter another # to send the information to the computer. Listen carefully, **MARS** will give information about each transaction.

ACTION CODE	INDEX NUMBER		COURSE	SECTION	DAYS	TIMES
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				

Press # after entering your transactions. This # signals the computer to process your requests.

- 1 Registrations Activities
  - 1 Registration, Schedule Adjustment, and Course Listings
  - 2 Waitlist Checkin
  - 3 Section Status
  - 4 Pin Change
  - 5 List Schedule
  - 6 Registration and Appointment Status
- 2 Grade Inquiry
- 3 Financial Information
  - 1 Account Balance and Payment
  - 2 Available Check Information
- 4 Pin Change
- 5 Parking → 1 Lot Selection and Change Lot Assignment
- 6 Total Quality Improvement Survey
  - 0 1 Computing Survey
  - 0 2 Child Care Survey
- 9 End Call

To return to the meain menu from any sub menu press 9

ACTION CODES

ADD A COURSE:

2, INDEX NUMBER, # #

DROP A COURSE:

3, INDEX NUMBER, # #

OR 3 # # , MARS will list courses & prompt you to press 1 to drop or 0 to continue

CHANGE GRADING METHOD:

You have the option to enter a grading method when adding a course. If no grading method is entered, MARS will default, in most cases to regular.

4 INDEX NUMBER * GRADING METHOD # #

1=Regular 2=Pass/Fail 3=Audit 4=Satisfactory/Fail

OR 4 # # to list courses with grading method

CHANGE CREDIT LEVEL:

Limited to variable level courses

8 INDEX NUMBER * NUMBER OF CREDITS # #

(Example: 2 credits=02)

OR 8 # # to list courses with credit levels

LIST YOUR SCHEDULE:

5 # #

LIST OPEN SECTIONS:

MARS will list up to six open sections. You have the option to list open sections that don't conflict with your current schedule, or all open sections for a particular course. MARS will list all available sections or start with a specific section. Be ready to write down open section information and index numbers.

6 # #

To list open sections not conflicting with your schedule press 1

To begin at a specific section enter index number, * #

To list all non-conflicting sections enter any index number for the course, #

-OR-

To list all open sections press 2

To begin at a specific section enter index number, * # -or-

To list all open sections enter any index number for the course, #

WAITLIST FEATURE:

If the course closed, and you are eligible to take the course, *MARS* will prompt you to be placed on the waitlist for up to six sections. If any of these sections are open, *MARS* will tell you. Please note the section and index numbers.

To enter directly into the Waitlist Feature,

7 # # then

2 INDEX NUMBER # # to add a section to the waitlist

3 INDEX NUMBER # # to drop a specific waitlist section

OR 3 # # to be prompted for dropping waitlist sections

5 # # to list waitlist sections

CANCEL TRANSACTION:

To cancel an entry before the # is pressed enter * * #. [You may then reenter your request.]

RETURN TO MAIN MENU:

9 # #

MARS

maryland automated registration system

12 REGISTRATION

CANCELLATION/REFUNDS/GRADUATION

Cancellation of Registration

Students who register and later decide not to attend the University must CANCEL their registration by September 1, 1997. Failure to cancel registration will result in financial obligation to the University of Maryland even though the student does not attend class.

To Cancel Your Registration on or before September 1, 1997

1. Your cancellation request must be received in writing by:

   Office of Records and Registration
   1st Floor, Mitchell Building, University of Maryland
   College Park, Maryland 20742
   or FAX to 301-314-9568

Since the University can honor only those requests for cancellation which are actually received by September 1, 1997, requests should be sent by Registered Mail. PLEASE INCLUDE STUDENT IDENTIFICATION NUMBER ON ALL CORRESPONDENCE.

2. For additional information concerning cancellation call the Registration Office at 314-8240.
3. Cancellation of Housing and Dining Services is a separate process. See page 17 for information.

Penalties for Drops During Schedule Adjustment

Full-time undergraduate students do not receive a refund for courses dropped if the total number of credits for which they are registered remains 12 or more.

PRIOR TO THE FIRST DAY OF CLASSES, SEPTEMBER 1, 1997 OR EARLIER, if a full-time undergraduate student drops a course or courses, thereby changing the total number of credits for which the student is registered to 11 or less, charges for the semester will be assessed on the basis of the per credit hour fee for part-time students. However, if the student later adds a course or courses, thereby changing the total number of credits for which the student is registered to 12 or more, the student will be charged for the difference between per credit hour fees paid and the general fees for full-time undergraduates.

If during the FIRST FIVE DAYS OF CLASSES,SEPTEMBER 2-8, 1997, a full-time undergraduate drops a course or courses thereby changing the total number of credits for which he/she is registered to eleven or less, charges for the semester will be assessed on the basis of part-time charges plus 20% of the difference between the full-time tuition and fees and appropriate part-time charges. After the first five days of classes, there is no refund for changing from full-time to part-time status.

Refund Schedule for Drops
Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. September 1, or earlier (prior to the first day of classes) ..... 100% refund.
   There will be no charge for courses dropped prior to this date.
2. September 2-8 (first five days of classes)..... 80% refund.
   There will be a 20% charge imposed for courses dropped during this period.
3. September 9 and after (anytime after the first five days of classes)..... 0% refund.
   Student will incur full charge for courses dropped during this period.

IMPORTANT NOTES:

First ten days of classes (from September 2 - 15): Students will not be charged to drop and add a course if they are of equal credit value, for example dropping CHEM 678 and adding CHEM 691 (both three credit courses), and if they are processed on the same day. This is considered an even exchange. Remember, to avoid additional tuition charges when dropping and adding, BOTH the drop and the add must be done during the same day. The total number of credits dropped and added must be equal.

After the first ten days of classes (September 16 and later): Even exchanges of dropped and added credits will not be accepted. ***Courses added and dropped after the 10th day of classes will be charged as follows: there will be no refund for the drop, and 100% charge per credit for any adds.***

Candidates for December 1997 Graduation

Deadline to apply for a diploma dated December 1997
September 15, 1997

Both graduate and undergraduate students must apply for a diploma dated December 1997 by September 15, 1997. Diploma applications can be processed several ways. Choose the most convenient for you:

1. MARS - Call the Maryland Automated Registration System at 301-403-0500.
2. Visit a MARS Kiosk located in Van Munching Hall, the Stamp Union, Ellicott Dining Hall, and first floor Mitchell Building.
3. World Wide Web - Use Testudo on the web. www.testudo.umd.edu. Select *Records and Registrations Services*, then *apply for Graduation.*
4. Come to the Registration Counter, first floor lobby, Mitchell Building to complete an application.

NOTE: COMMENCEMENT DATE HAS BEEN CHANGED TO DECEMBER 21, 1997

Reclassification to In-State Status

If you wish to change your out-of-state classification you may do so by filing a timely Petition of In-State Status. Information sessions will be held at the beginning of the semester. The deadline for meeting the twelve month requirements for in-state status and for submitting a petition and supporting documentation is the last day of late registration for the semester you wish to be classified as an in-state student. Requests for retroactive changes in-state status are not granted.

Deadline for Fall 1997 .....September 15, 1997

It is imperative that students obtain a petition as soon as possible. Late petitions will not be accepted. The volume of petitions for review of eligibility may necessitate a delay in completing the review process. It is to your advantage to apply early. It is hoped that a final decision for each case will be made within ninety (90) days of receipt of a complete petition including all necessary documentation.

For residency self-evaluation forms, walk-in hours, petition materials or additional information, please contact:

Residency Classification Office
Room 0405B, Marie Mount Hall
301-405-2030 (Phone)
301-314-9832 (Fax)
e-mail: resclass@deans.umd.edu

Refunds for Special Courses

COOP 098/099, MATH 001, MATH 002—Refunds: A part-time or full-time undergraduate who drops MATH 001 or MATH 002 will receive an 80% refund of the special fee if the course is dropped during the first five (5) days of classes and 0% or thereafter. MATH 001 or MATH 002 will still be counted in the determination of hours for full-time or part-time status, not withstanding the refund policy. A part-time or full-time undergraduate student who drops COOP 098/099, or ENCO 098/099 will receive an 80% refund of the fee if the course is dropped during the first five (5) days of classes and 0% thereafter.

Refund Requests

To obtain a refund from your student account you may apply in writing. This can be done by either: (1) addressing a letter to the Office of The Bursar, Lee Building; University of Maryland, College Park, MD 20742, or (2) visiting the office in person: Student Financial Service Center, Lee Building, Room 1135, 8:30 a.m. to 4:30 p.m., Monday through Friday, or (3) you may request a refund by phone. Call MARS 301-403-0500 and start with option #"3" (Financial Information) from the MARS main menu. No credit balance is automatically refunded.

Refunds from payments originally made by cash are ordered from the State Treasurer's Office in Annapolis. They are made payable to the student and take approximately 3 weeks after the refund is requested to be mailed to the students permanent address of record. Students with a credit balance of $100.00 or less may be entitled to a cash refund. Please visit the Student Financial Service Center Office, Room 1135 Lee Building, with an identification card to obtain the cash refund voucher.

Refunds from payment originally made with a credit card must be refunded to the card originally charged. Credit card refunds are processed electronically and take approximately 1 week after the refund is requested. Please include your credit card number and expiration date in your request. A credit receipt will be mailed to the address listed on the refund request.

Fall 1997 Deadlines

Type of Change	Last Day to Process Change
ADD A COURSE+	September 15
CANCEL REGISTRATION FOR FALL 1997	September 1
CANCEL RESIDENT LIFE FOR SPRING 1998 SEMESTER (ON CAMPUS) HOUSING/DINING SERVICES (without cancellation charges)	December 2, 1997
CHANGE FROM FULL-TIME TO PART-TIME (Undergraduates for billing purposes)	see penalties for Drops page 12
CHANGE CREDIT LEVEL (Undergraduates) (Graduate Students - November 10)	September 15
DIPLOMA APPLICATION (for December 1997 Graduation and diploma dated December 1997)	September 15
DROP A COURSE (Undergraduates only) * without "W" mark * with "W" mark (4 credit drop limit)	 September 15 November 10
DROP A COURSE WITH REFUND (Graduate Students & Part-time Undergraduates only)	see penalties for Drops pages 6 & 12
CHANGE GRADING OPTION (Graduate Students - November 10)	September 15
GRADUATE MAIL-IN REGISTRATION	August 8
GRADUATE STUDENTS - LAST DAY TO ADJUST SCHEDULE (drop, add, change grading option, credit level) • Graduate students do not receive "W"s. They must have a department stamp to add courses after 9/15/97. • Refund period ends 9/8/97. See pages 6 & 12 for specific dates.	November 10
LATE REGISTRATION	September 15

Withdraw From All Courses	Last Day
WITHDRAW WITH 100% REFUND (CANCEL)	September 1
WITHDRAW WITH 80% REFUND	September 15
WITHDRAW WITH 60% REFUND	September 22
WITHDRAW WITH 40% REFUND	September 29
WITHDRAW WITH 20% REFUND	October 6
WITHDRAW WITH 0% REFUND	December 12

GO TO ROOM 1101 MITCHELL BLDG. TO PROCESS A WITHDRAWAL.
SEE PAGE 17 FOR WITHDRAWAL INFORMATION.

SCHEDULE ADJUSTMENT PERIOD ENDS AT 4:30 P.M., September 15,1997

+ Late Registration (with $20 fee) begins September 2, 1997.

* a "W" is used to indicate withdrawal from a course in which the student was enrolled at the end of the Schedule Adjustment Period. This mark is NOT used in any computation of quality points or cumulative average totals at the end of the semester.

FULL-TIME STATUS FOR UNDERGRADUATES IS DEFINED AS 12 OR MORE CREDITS

SEE PAGE 40 FOR POLICY

DEADLINES FOR ALL STUDENTS

14 PARKING INFO

Call MARS to register for your Campus Parking Permit

PARKING REGISTRATION INFORMATION

WHO??

All students who plan to attend the University during the Fall 1997 semester and who plan to park a motor vehicle on campus must register with the Department of Campus Parking (DCP) for a parking permit or park at a paid meter, or park in a cashier attended area.

WHEN??

You can register for your Fall parking permit through MARS (MARYLAND AUTOMATED REGISTRATION SYSTEM) by calling 301-403-0500, or at a MARS Kiosk.

HOW??

Read all the information below and then call MARS at 301-403-0500. Listen carefully to MARS instructions. When you select the Campus Parking's Application in MARS you will have two choices, (1) to apply for a parking permit for Fall 1997 or (2) to listen to information concerning services available through Campus Parking. If you register at a MARS Kiosk follow the directions given on each screen.

① Before calling MARS for Parking Application read through and be prepared to answer the following questions:

? Do you want your permit mailed or do you want to pick it up at the DCP Office?
? Are you planning to live in the Graham Cracker Complex?
? Are you planning to live on Fraternity Row?
? Are you planning to live on campus?
? Are you planning to commute to UMCP? *(Junior, Senior & Grad Students be prepared to select a lot)*?
? Will you need a decal for a motorcycle?
? Will you need a decal for a convertible or "jeep" type canvas top vehicle?
? Do you have disabled parking privileges?
? Are you a Golden ID Program Student?

② Call MARS at 403-0500. Listen carefully to MARS for application instructions.

NOTE: For your convenience DCP has four direct phone lines to MARS available for your use. These phone are located in the lobby of the DCP Office and are accessible during business hours.

✆ Select CAMPUS PARKING APPLICATION from the MARS Main Menu
✆ Press 1 to apply for parking permit

- OR -

✆ Press 2 to listen to information about Department of Campus Parking services
✆ Listen carefully to MARS for further instructions

<u>Please read the information below before applying for your parking permit.</u>

1. Your student account will be charged after you register for parking: The registration fee is $56.00 for commuter permits and $105.00 for campus resident students.
(Additionally, if you purchase a parking meter debit card your student account will be charged $20.00)

2. Students will be assigned a specific parking lot. If you are interested in a particular lot early registration is recommended.

3. Undergraduate students' credit level for the Fall 1997 semester will be determined by adding together University of Maryland accepted credits and credits taken during the current Spring semester.

4. Undergraduate and graduate commuter student lot assignment is based on your credit level according to the following chart:

Credit level 0-27	(Freshman)	- Assigned to lot 4
Credit level 28-55	(Sophomore)	- Assigned to lot 4
Credit level 56-85	(Junior)	- Choice of lots 1,4,11, SDG (gated area in new Stadium Drive Garage, Stadium Dr. & Bryd Stadium, replaces the 500 spaces lost in lot 1b). Based on space availability.
Credit level 86 +	(Senior)	- Choice of lots 1,4,11, SDG (see above). Based on space availability.
Graduate Students		- Choice of lots 1,4,11, SDG (see above). Based on space availability.

5. Golden Identification students can register through MARS for parking. Golden ID students will automatically be assigned a GI permit which allows parking in lots 1, 4, 5, & 11.

6. Campus residents with 56 or more credits will be assigned a parking lot based on their campus residence address. This includes the Graham Cracker Complex.

7. Campus resident students with 55 or less credits will be assigned a parking lot based on available space.

Fraternity Row	
Credit level 0-27	Assigned to lot 4
Credit level 28-55	Assigned to lot 16 (if available)
North & South Hill	
Credit level 0-55	Assigned to lot 2 (if available)
Graham Cracker Complex	
Credit level 0-55	Cannot register through MARS. Contact DCP.

8. You can have your permit mailed to your permanent address or you may select to pick up your permit at the DCP Office beginning August 20, 1997. At this time you will also receive a "Campus Parking Map and Informational Parking Guide." Permits will be mailed on or after August 8, 1997.

9 Students who have disabled parking privileges must register for their regular lot assignment parking permit through MARS and indicate that they have disabled parking privileges . *Read Disabled Parking below for information and instructions.*

10. DCP issues a decal to motorcycles and "jeep" type canvas top vehicles and convertibles. Students may choose to register either a motorcycle or canvas top vehicle, but not both types. Students with these types of vehicles will also receive a hanging permit.

WALK-IN PARKING REGISTRATION

For those students who do not take advantage of registering for a permit though MARS, you may complete the process during Walk-In Registration beginning Wednesday, August 20, 1997 at the DCP Office during business hours. DCP will have extended business hours from 8:15 a.m. - 6:00 p.m. on Thursday, August 28th, Tuesday, September 2nd, and Wednesday, September 3rd. You will need to show your Student ID card. Payment can be made by check, cash, or credit card (MasterCard, Visa, Discover).

NEW! NEW! NEW! PARKING METER DEBIT CARD

Students can purchase, through MARS, the new pre-paid Parking Meter Debit Card which can be used at any campus electronic meter (located in PG1, PG2, Turner Lab and 1c). This card eliminates the need to put coins in the meter. Just insert the card in the meter and put the amount of time you need on the meter. When you return a refund of unused time, in increments of 30 minutes, can be returned to your card. You can purchase one of these cards for $20.00 (there is a one time nonrefundable $3.00 charge for the card, the actual meter value is $17.00). You can add value to this card (maximum of $50.00) and use it throughout the year(s). If you decide to purchase this card you can pick it up at the DCP office on or after August 20, 1997.

DISABLED PARKING

All persons associated with the University (including those displaying a State disabled permit or tag) must purchase and display a UMCP-DCP hanging permit for the current year. Only persons for whom the disabled parking privileges are extended are authorized to park in these special parking areas. Family members driving these vehicles must utilize their assigned parking area.

BICYCLES AND MOPEDS

Bicycles and mopeds need not be registered, but should be parked in bicycle racks provided on campus. Securing or parking a bicycle or moped in any manner which would obstruct vehicles or pedestrians is prohibited. A bicycle or moped locked to any part on either side of the railing of an access ramp could make entering or exiting the building difficult or impossible for a person with a disability. Bicycles or mopeds that obstruct an access ramp that is part of an exit are in violation of the Maryland Fire Prevention Code and subject to impoundment.

Please contact the Department of Campus Parking on 301-314-PARK with any questions related to parking on the University of Maryland campus. Business hours of operation are Monday through Thursday, 8:15 a.m. - 5:00 p.m. and Friday 8:15 a.m.- 4:00 p.m., excluding University holidays.

EXAM SCHEDULE 15

All final examinations will be held on the examination days of the Official Final Examination Schedule. No final exam shall be given at a time other than that scheduled in the Official Examination Schedule without permission of the department chair. Exams are scheduled with respect to the time the class begins.

The University has no policy on the number of finals a student can take on one day. Students are strongly encouraged to check the final exam schedule before registering for courses.

A final examination will be given in every undergraduate course. Exceptions may be made with the written approval of the chair of the department and the dean. Please read all sections of the Final Examination Schedule. For additional information, see "Examinations" in the Undergraduate Catalog.

1. FALL 1997 STANDARD FINAL EXAM TABLE

Exam Time	December 15 Monday	December 16 Tuesday	December 17 Wednesday	December 18 Thursday	December 19 Friday	December 20 Saturday
Alternate Snow Date*	*To Be Announced*	*To Be Announced*	*To Be Announced*	*To Be Announced*	*To Be Announced*	*To Be Announced*
8:00-10:00	TuTh 2 TuTh 2-3:15	TuTh 11 TuTh 11-12:15	TuTh 8 TuTh 8-9:15	MWF 1	TuTh 12 TuTh 12:30-1:45	TuTh 3 TuTh 3:30-4:45
10:30-12:30	MWF 11 MW 11-12:15	CHEM 103, 113 233, 243	MWF 2 MW 2-3:15	TuTh 9 TuTh 9:30-10:45	MWF 10	MWF 12 MW 12:30-1:45
1:30-3:30	MATH 001, 002, 110, 111, 113, 115, 140, 140H, 141, 141H, 210, 211, 220, 221, 240, 241, 241H, 246, 246H STAT 100	MWF 9 MW 9:30-10:45	ECON 203 EDMS 451 ITAL 101, 102, 203 SPAN 202	CMSC 102 ECON 201 EDMS 410 HEBR 111	BMGT 220, 340 GERM 101, 102, 201, 202	BMGT 380 CMSC 103, 114, 214 ENES 221 FREN 101, 102, 103, 203 RUSS 101, 201
4:00-6:00	BMGT 350 TuTh 1	BMGT 311, 332, 424 ENES 220	BMGT 310, 422, 440 CMSC 150	MWF 3 MW 3:30-4:45	BMGT 364 CMSC 106 TuTh 10	MWF 8 MW 8-9:15

*** Alternative Snow Date - Exams will be held at same time and in the same room as originally scheduled**

2. FALL 1997 EXAMS FOR CLASSES BEGINNNING AT 4 P.M. & LATER

Final examinations for classes beginning 4:00 p.m. and later are given on the same day and at the same time the class normally meets during the semester. For example, classes scheduled on Tuesday, 4:15-7:00 p.m. have their exams on Tuesday, December 16 at 4:15 p.m. Classes scheduled on Thursday at 4:00 p.m. and later have their final exams on Thursday, December 18. Classes that meet both Tuesday and Thursday 4:00 p.m. and later should have exams on Tuesday December 16. Classes that meet both Monday and Wednesday 4:00 p.m. and later should have exams on Monday, December 15. Exams will be given in regularly scheduled classrooms. The department will notify faculty of any exceptions to the time and room.

3. FALL 1997 COMMON FINAL EXAMS

Final examinations for all sections of the following courses are given at the times listed in the above grid. Note that these exam times do not depend on the hour or day at which the particular section meets. The rooms in which these examinations will be held will be announced in class.

BMGT 220, 310, 311, 332, 340, 350, 364, 380, 422, 424, 440
CHEM 103, 113, 233, 243
CMSC 102, 103, 106, 114, 150, 214
ECON 201, 203
EDMS 410,451
ENES 220, 221
FREN 101, 102, 103, 203
GERM 101, 102, 201, 202
HEBR 111
ITAL 101, 102, 203
MATH 001, 002, 110, 111, 113, 115, 140, 140H, 141, 141H, 210, 211, 220, 221, 240, 241, 241H, 246, 246H
RUSS 101, 201
SPAN 202
STAT 100

4. FALL 1997 EXAMS FOR BMGT COURSES NUMBERED 600 & ABOVE

Final examinations for BMGT courses numbered 600 and above do not follow the schedule outlined in Notes A, B & C below. The rooms in which these examinations will be held will be announced in class.

A. Examination times for required MBA courses taught at night are based on the time the course normally meets irrespective of course number.

B. Examination times for required MBA courses that are taught during the day are based on course number irrespective of the time the course normally meets.

C. Examination times for all BMGT courses numbered 600 and above and that are not covered by notes A & B, will follow the exam schedule at the top of this page. However, exams will be three hours long.

Exam Time	Classes Scheduled				
Monday, December 15, 1997	BMGT 610				
9:00 a.m. - 12:00 p.m.	0101	TuTh	12:30 -	1:45	*
	0201	MW	11:00 -	12:15	**
	0301	Tu Th	11:00 -	12:15	*
	0401	MW	2:00 -	3:15	**
Tuesday, December 16, 1997	BMGT 663				
9:00 a.m. - 12:00 p.m.	0101	Tu	2:00 -	4:40	
	0201	Th	9:30 -	12:10	*
	0301	Th	2:00 -	4:40	*
	0401	Tu	9:30 -	12:10	
Wednesday, December 17, 1997	BMGT 690				
9:00 a.m. - 12:00 p.m.	0201	MW	11:00 -	12:15	
	0301	Tu Th	11:00 -	12:15	*
	0401	Tu Th	9:30 -	10:45	*
	0601	Tu Th	2:00 -	3:15	*
Thursday, December 18, 1997	BMGT 630				
9:00 a.m. - 12:00 p.m.	0101	MW	9:30 -	10:45	*
	0201	MW	9:30 -	10:45	
	0301	MW	11:00 -	12:15	*
	0401	MW	11:00 -	12:15	
Friday, December 19, 1997	BMGT 681				
9:00 a.m. - 12:00 p.m.	0101	MW	11:00 -	12:15	*
	0201	MW	2:00 -	3:15	**
	0301	MW	9:30 -	10:45	*
	0401	MW	3:30 -	4:45	**

* Sections are given together ** Sections are given together

FINAL EXAM SCHEDULE FALL 1997

16 FEES - FALL 1997

FINANCIAL INFORMATION

TUITION, FEES AND OTHER EXPENSES

An Important Fee Notice. Although changes in fees will be ordinarily announced in advance, the University reserves the right to make such changes without previous announcement.

***General Fees*-(*Includes mandatory fees)**

[1]Full-Time Undergraduate Students, Maryland Residents 2,230.00

[1]Full-Time Undergraduate Students from The District of Columbia and all other states and other countries 5,294.50

***PART-TIME UNDERGRADUATES*-(In-state $170.00 per credit hour. Out-of-state $429.00 per credit hour)**

CREDIT HOURS		1	2	3	4	5	6	7	8	9	10	11
*COST	In-state	326.00	496.00	666.00	836.00	1006.00	1176.00	1346.00	1516.00	1686.00	1856.00	2026.00
	Out-of-state	585.00	1014.00	1443.00	1872.00	2301.00	2730.00	3159.00	3588.00	4017.00	4446.00	4875.00

***GRADUATE IN-STATE*-$272.00 per credit hour[2]**

CREDIT HOURS	1	2	3	4	5	6	7	8	9	10	11	12	13
*COST	418.50	690.50	962.50	1234.50	1506.50	1778.50	2050.50	2322.50	2691.50	2963.50	3235.50	3507.50	3779.50

***GRADUATE OUT-OF-STATE*-$400.00 per credit hour[2]**

CREDIT HOURS	1	2	3	4	5	6	7	8	9	10	11	12	13
*COST	546.50	946.50	1346.50	1746.50	2146.50	2546.50	2946.50	3346.50	3843.50	4243.50	4643.50	5043.50	5443.50

*Includes all mandatory fees

Campus Point Plan (Dining Services) ..... Lite 1,124.50
Regular 1,224.50
Plus 1,324.50

Room, University Residence Hall. Maryland Residents/Non-Residents 1,609.00

Telecommunications Fee 70.00

Parking Registration Fee ..... Campus Resident 105.00
Commuter 56.00

Special Mathematics Fee (MATH 001/002) 175.00

Special Engineering Fee (ENCO/009) ..... 60.00[3]

Special COOP Fee (COOP/099) ..... 60.00[3]

Continuous Registration Fee (Doctoral Candidates) 10.00

Late Registration Fee (Beginning September 2, 1997) 20.00

Student Teaching Fee 170.00

Credit by Exam Fee:
- All Undergraduate and Full-Time Graduate Students (per course) 30.00
- Part-Time Graduate Students (per credit hour) ..... See Above

Audit courses are charged the same as a course taken for credit ..... See Above

Maryland English Institute-Intensive 3797.00

Maryland English Institute-Semi Intensive Program 1898.50

Maryland English Institute-Pronunciation Program 482.00

Maryland English Institute-Fluency Program 642.00

ORIENTATION FEES:

Student One Day 68.00

Student Two Days 97.00

One Parent 35.00

Two Parents 70.00

[1]For billing purposes, Undergraduate Full-Time Status is defined as a registration for 12 credits or more

[2]A Student who has been admitted to the Graduate School will be charged the Graduate Credit Hour fee for all courses regardless of the level of the course

[3]An $18.00 fee will be charged for special course registration

These fees are subject to change

Tuition, Fees and Other Expenses

ALL STUDENTS WHO REGISTER FOR THE FALL SEMESTER INCUR A FINANCIAL OBLIGATION TO THE UNIVERSITY. Financial policy and fees are set by the University with the approval of the Board of Regents.

Tuition Plan

The University currently sponsors two payment plans for use in paying tuition, room, board and telecommunication fees. Enrollment for 1997-98 begins in April 1997, and applications for the 1997-98 school year will be available beginning in April.

NOTE: Students enrolling in payment plans should deduct all financial aid or be prepared to use aid to reduce the amount owed on a payment plan.

Questions for general information on payment plans can be directed to The Student Financial Service Center at 405-9041.

Tuition Notes

Returning students will not be permitted to complete registration until all financial obligations to the University including current semester fees, library fines, parking violation assessments and other penalty fees and the service charges are paid in full. If a student registers without proper financial clearance from the Office of the Bursar, his/her registration may be cancelled without further notice. If a student becomes financially ineligible after registering, his/her registration may be cancelled unless and until his/her account balance is paid in full by a prescribed date.

PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA, MASTERCARD OR DISCOVER. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. HOWEVER, PHONE-IN PAYMENTS CAN ONLY BE ACCEPTED BY CALLING MARS AT 403-0500, AND SELECTING FINANCIAL INFORMATION FROM THE MARS MAIN MENU.

Although the University regularly mails bills to students, it cannot assume responsibility for their receipt. Students are urged to obtain a copy of their financial account in Room 1135 of the Lee Building, or by phoning 405-9041, if they are not certain their account is paid in full. This office is open from 8:30 a.m. to 4:30 p.m. Monday through Friday. Students may also obtain their account balance by phoning MARS at 403-0500 from a touchtone telephone.

CHARGES INCURRED DURING THE SEMESTER ARE PAYABLE IMMEDIATELY.

A student who wishes to dispute a specific item on their bill must contact the appropriate University department that initiated the charge to discuss the nature of the adjustment, if any, or the appropriateness of the bill. If, after discussing the bill with the originating department, a student still wishes to dispute the charge, any appeal must be made in writing and sent to the Office of the Bursar. It is emphasized that any portion of the bill not in dispute must be paid in accordance with the due date on the bill. All checks or money orders should be made payable to the University of Maryland for the exact amount due. The student's social security number must be written on the check.

Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to an initial late fee of 5% of the outstanding balance or $10.00, whichever is greater. A 1.5% finance charge is assessed each month thereafter.

The state has established, under legislative mandate, a CENTRAL COLLECTION UNIT within the Department of Budget and Fiscal Planning. This campus has been instructed that all delinquent accounts must be transferred to the State Collections Unit. ALL ACCOUNTS DUE FROM STUDENTS, FACULTY, STAFF, NON-STUDENTS, ETC. ARE INCLUDED WITHIN THESE GUIDELINES.

Collection Costs: incurred in collecting delinquent accounts will be charged to the student. The University is required by State law to refer past due accounts to the State Central Collections Unit. The minimum collection fee is 17% plus any attorney and/or court costs. This collection fee is separate and distinct from any late payment fee the student may already have incurred and will not be reduced or offset by the amount of that late payment fee.

NOTE: STATE CENTRAL COLLECTIONS UNIT IS AUTHORIZED BY STATE LAW TO USE AN INDIVIDUAL'S STATE INCOME TAX REFUND AS AN OFFSET TO PAY INDEBTEDNESS TO THE STATE OF MARYLAND.

NO DEGREE WILL BE CONFERRED, NOR ANY DIPLOMA, CERTIFICATE, OR TRANSCRIPT OF RECORD ISSUED TO A STUDENT WHO HAS NOT MADE SATISFACTORY SETTLEMENT OF HIS OR HER ACCOUNT.

Mandatory Fees

The Auxiliary Facilities Fee: Refundable upon withdrawal. $29.00 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate students are charged $12.00. The Auxiliary Facilities Fee is paid into a fund which is used for capital improvement, expansion and construction of various campus facilities such as open recreation areas (tennis courts, basketball courts, etc.), transportation alternatives (shuttle busses), and The Stamp Union Building. These capital projects are not funded or are funded only in part from other sources.

The Student Activities Fee: Refundable upon withdrawal. $23.00 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates are charged a fee of $12.00. Graduate students are charged a fee of $2.50. The Student Activities Fee is charged at the request of the Student Government Association and is used to provide for student activities, student publications, and cultural programs.

The Athletic Fee: Refundable upon withdrawal. $104.50 — Charged to all Full-Time Undergraduates. Part-Time Undergraduate and all Graduate Students are charged $27.50. The Athletic Fee is charged for the support of the Department of Intercollegiate Athletics. All students are encouraged to participate in all of the activities of this department or to attend the contests if they do not participate.

The Shuttle Bus Fee: Refundable upon withdrawal $39.00 — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $19.50. The Shuttle Bus Fee is charged for the support of the Shuttle Bus Transportation System.

The Stamp Union and Recreational Fee: Refundable upon withdrawal $92.50 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $50.00 The Stamp Union and Recreation Fee is paid into a fund which will be used to expand recreational facilities and Stamp Union Services.

The Building Recreation Fee: Refundable upon withdrawal. $70.00 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $35.00. The Building Recreation Fee is paid into a fund which supports the construction and operation of Ritchie Coliseum and the new Campus Recreation Building.

Other Fees

Payment of Fees: All checks, money orders or postal notes should be made payable to the University of Maryland and mailed or delivered to: Office of the Bursar, University of Maryland, College Park, MD 20742. The student's social security number must be written on the front of the check.

Undergraduate Application Fee: $45.00 — Charged to all new Undergraduate Applicants. Those who have previously enrolled at the University of Maryland at College Park will not be required to pay the fee.

Graduate Application Fee: $50.00 required of all students.

***Pre-College Orientation Program Registration Fee:** $97.00 (two day program) $35.00 (one parent)
68.00 (one day program) $70.00 (two parent)

Late Registration Fee: $20.00. All students are expected to complete their registration before the first day of classes. Those who do not complete their initial registration prior to the first day of classes will be assessed this fee.

Special Fee for students requiring additional preparation in Mathematics. MATH 001 or MATH 002 — 175.00 per semester. These special fees are in addition to course charges. (Note that MATH 001 is required of students whose curricula call for MATH 110 or 115 and who fail a qualifying examination for these courses.)

A student enrolled in MATH 001 or MATH 002 concurrently enrolled for nine or more credit hours will be considered as a full-time student for purpose of assessing fees. Students taking only MATH 001 or MATH 002, pay for three credits plus the special fee. A 3-credit course plus MATH 001 or MATH 002 results in a charge for 6 credits plus the special fee. A full-time student pays full-time tuition plus the special fee.

Cooperative Education Program in Liberal Arts and Business (COOP 099): $60.00 each

Engineering CO-OP Program (ENCO 099): $60.00 each

Fees for Auditors and courses taken for audit are the same as those charged for courses taken for credit to determine whether or not an undergraduate student is full-time or part-time for fee assessment purposes.

Special Students are assessed fees in accordance with the schedule for the comparable undergraduate classification.

Student Teaching Fee: All student teachers are required to pay a $170.00 fee for their entire student teaching experience.

Special Examination Fee: $30.00 per course for all undergraduates and full-time graduate students. Credit-hour charge for part-time graduate students.

Vehicle Registration Fee: Commuters $56.00. Residents $106.00. Fee is required of all students registered for classes on the College Park Campus and who drive on campus.

Textbooks and Supplies: Textbooks and classroom supplies vary with the course pursued, but will average $275.00 per semester.

Service Charges for Dishonored Checks: Payable for each check which is returned unpaid by the drawee bank on presentation because of insufficient funds, payment stopped, post-dating against uncollected items, etc.

For checks up to $100.00: $10.00

For checks from $100.01 to $500.00: $25.00

For checks over $500.01: $50.00

When a check is returned unpaid, the student must redeem the check and pay any outstanding balance in the account within 10 days or all University services may be severed and the account transferred to the State Central Collection Unit for legal follow-up. Additionally, a minimum 17% collection charge is added to the charges posted to the student's account at the time the transfer is made. When a check is returned unpaid due to an error made by the student's bank, the student must obtain a letter from the branch manager of the bank or a person of equivalent status admitting such an error. This letter must be submitted to the Office of the Bursar to have the service charge waived.

Library Charges: $ .35 - Fine for failure to return a book from General Library before expiration of loan period per day. Fine for failure to return book from Reserve Shelf before expiration of loan period: First hour overdue on first day: $1.00; after first hour on first day:$.75 per hour for each hour open up to a maximum of $45.00 per item. In case of loss or mutilation of book, satisfactory restitution must be made.

Motor Vehicle Penalties: These are described in Traffic Rules and Regulations.

Property Damage Charges: Students will be charged for damage to property or equipment. Where responsibility for the damage can be fixed, the individual student will be billed for it; where responsibility cannot be fixed, the cost of repairing the damage will be pro-rated among the individuals involved.

Late Payment Fee: Students who fail to pay the balance due on their account are subject to an initial late fee of 5% of the outstanding balance or $10.00, whichever is greater. A 1.5% finance charge is assessed each month thereafter.

* All orientation charges are under review and are pending approval.

Student Financial Service Center is online at http://comptroller.umd.edu/bursar/

FINANCIAL 17

BILLING/TUITION REMISSION/WITHDRAWAL

Billing Information

Bills for payment of fees are mailed in July and August to students who have registered prior to August 9, 1997 for Fall courses. Payment in full must be made by the dates in the following chart:

If you registered:	*Payment in full is due:*
by July 11, 1997	**August 8, 1997**
between July 12, 1997 and August 8, 1997	**September 5, 1997**
after August 8, 1997	**in person by September 10, 1997**

NO BILL IS MAILED FOR STUDENTS WHO REGISTER AFTER AUGUST 8, 1997. ALL CHARGES INCURRED AFTER AUGUST 8, 1997 TO SEPTEMBER 10, 1997 ARE DUE ON SEPTEMBER 10, 1997 WITHOUT EXCEPTIONS. PLEASE CONTACT THE STUDENT FINANCIAL SERVICES CENTER TO VERIFY THE AMOUNT OWED.

Accounts not paid by the appropriate due date are delinquent and subject to the assessment of a late payment of $10.00 or 5%, whichever is higher, and referral to the State Central Collections Unit in Baltimore and/or cancellation of registration. Students with Stafford Loans must pay their bill in full in the event their loan funds have not been received by the University by September 10, 1997.

For student convenience, payment by mail is encouraged; however, payment also may be made at the Office of the Cashier, Lee Building. Students may pay in person at the Office of the Cashier, 8:30 a.m. to 4:30 p.m. Monday through Friday, where they are required to present a Student ID Card with payment. Also students, if paying by personal check may drop the payment in the Bursar's Mail Remittances hallway drop slot in the Lee Building, any time that the building is open. If a student uses the drop slot, the processed check will serve as a receipt. Be sure the Social Security number is clearly written on the front of the check.

PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA, MASTERCARD OR DISCOVER CARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. PHONE-IN PAYMENTS CAN BE MADE BY CALLING MARS at 301-403-0500.

Periodically during the semester bills will be mailed to the student's permanent address reflecting charges incurred for parking tickets, library fines, course adjustments, etc. These bills are due ON RECEIPT. THE UNIVERSITY CANNOT ASSUME RESPONSIBILITY FOR THEIR DELIVERY.

Students who register after August 8, 1997 will be required to make full payment in person to the cashier by September 10, 1997 to avoid cancellation of their schedule and loss of their seats to other students. MAIL PAYMENTS, PHONE PAYMENTS, POSTMARK DATES, AND USE OF "DROP BOXES" WILL NOT SATISFY THIS DEADLINE.

Students who have questions about their bills may obtain print-outs of their financial accounts by coming to Room 1135 of the Lee Building between 8:30 a.m. and 4:30 p.m. Monday through Friday.

Each student is individually responsible for all of his or her fees and expenses. If a third party, such as an employer, agrees to pay these charges, the student is not relieved of his or her primary responsibility. In the event such third party fails to honor its agreement, the University reserves the right to bill the student directly. Failure to pay this bill thereafter will result in the suspension of services to the student by the University and transfer of the account to the State Central Collection Unit. WHEN A PAYMENT IS MADE TO THE UNIVERSITY, PAYMENT OF ANY OUTSTANDING BALANCE PRECEDES PAYMENT OF CURRENT INDEBTEDNESS. That is, the oldest account balance is liquidated first.

FAILURE TO PAY OUTSTANDING DEBTS WILL RESULT IN ADDING A LATE PAYMENT FEE OF $10.00 or 5%, WHICHEVER IS HIGHER PLUS A 1.5% MONTHLY FINANCE CHARGE, AND TRANSFER OF THE ACCOUNT TO THE STATE CENTRAL COLLECTIONS UNIT. A MINIMUM OF 17% COLLECTIONS CHARGES ARE ADDED AT THIS TIME. THIS COLLECTION FEE IS SEPARATE AND DISTINCT FROM ANY LATE PAYMENT FEE THE STUDENT MAY ALREADY HAVE INCURRED AND WILL NOT BE REDUCED OR OFFSET BY THE AMOUNT OF THAT LATE PAYMENT FEE.

MARYLAND LAW ALLOWS THE CENTRAL COLLECTION UNIT TO BLOCK ISSUANCE OF MARYLAND STATE INCOME TAX REFUNDS FOR INDIVIDUALS WITH DELINQUENT ACCOUNTS.

Tuition Remission Policy *(Spouse and Dependent Children)*

The University Board of Regents approved a tuition remission policy in 1990 for spouse and dependent children of permanent employees (50% time or more). The policy provides full tuition for a first undergraduate degree for the spouse and dependent children of permanent full time (100%) employees. The spouse and dependent children of permanent part-time (50% or more) employees will be eligible for tuition remission based on the percent of time on the payroll. Restrictions apply for spouse and dependent children of permanent employees hired on or after January 1, 1990. In addition, tuition remission benefits for the spouses and dependent children of permanent faculty and permanent staff whose period of employment began on or after July 1, 1992 shall be available for a first undergraduate degree only after the faculty or staff member has been in the university services for two years prior to the anticipated date of registration for course work. Courses must be taken at the campus of employment. Forms are available at each campus personnel department. If using the benefit at UM, after obtaining the department head signature, the completed tuition remission form is to be forwarded, in a sealed envelope to the UM Personnel Services Department, Staff Benefits Office no later than July 1, 1997. If the established cap has not been reached by July 1, 1997, all forms submitted to-date will be approved, and forms will continue to be accepted and processed on a first-come, first-served basis until the cap is reached. If the student receiving the tuition remission drops classes or withdraws from the University, all or part of the tuition costs may be charged to the student. Questions regarding tuition remission for the spouse and dependent children of employees can be directed to the Personnel Services Department, Staff Benefits Office, 301-405-5658.

Leave of Absence

A leave of absence is available for students wishing to take time away from the University for personal or academic reasons with the intention of returning the next semester. The leave of absence status is especially helpful for recipients of Federal Financial Aid. The student is not considered to be withdrawn, and is still enrolled for purposes of deferring repayment of federal loans. The leave of absence is only available for the last 60 days of the semester, and the student must return the following semester.

Please note: For students using this for Financial Aid deferment, only one leave of absence can be granted in any 12 month period.

With an approved leave of absence the student may automatically return the next semester, and all registration privileges will be extended. Additional information and forms for applying for a leave of absence are available from the Records Office, Room 1101 Mitchell Building, University of Maryland at College Park, College Park, MD 20742.

Withdrawal from the University

Procedures for Withdrawal from All Classes

Cancellation of Housing/Dining Contracts is a separate process, see Cancellation of Residence Halls/Dining Services below.

September 2 or later

1. All students should report to Room 1101, Mitchell Building to complete a withdrawal form. If unable to report in person, send a letter to Room 1101, Mitchell Bldg. University of Maryland, College Park, MD 20742 or send a fax request to (301) 314-9568
2. Withdrawal becomes effective on the date the form is filed with the Records Office. Stopping payment on a check does not constitute an official withdrawal. A notation of withdrawal and the effective date of the withdrawal will be posted to the permanent record.
3. Tuition credit will be initiated upon receipt of the Withdrawal Form. The percentage of credit is determined by the date the form is filed in the Records Office.
4. Refer to the chart below for refund information. Credit adjustments for housing services not utilized are based upon the date of completion of residence halls checkout procedures and not upon the date of withdrawal from classes.
5. Be certain to return all books to the library and clear all financial accounts at the Office of the Bursar, Lee Building. Refunds for credit adjustments will be authorized after all student financial aid adjustments have been processed and any balance remaining on the account has been deducted.

Dates for Refund of tuition and fees for Withdrawal from All Courses

	Resident	Undergraduate Non-resident	Undergraduate
On or before September 1	100%	2230.00	5294.50
September 2-15	80%	1784.00	4235.60
September 16-22	60%	1338.00	3176.70
September 23-29	40%	892.00	2117.80
September 30 - October 6	20%	446.00	1058.90
October 7 and later	0%	0.00	0.00

NOTES: 1. Students who have made no payment on their account at the time of withdrawal will be billed according to the above schedule.
2. Students receiving Title IV funds will have their refunds calculated in accordancE with Federal Regulations.
3. In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.
4. Only amounts in excess of the non-refundable enrollment deposit will be refunded.

Cancellation of Residence Halls/Dining Services Agreement

The University will release a student from the *Residence Halls/Dining Services Agreement* prior to claiming services (i.e., keys issued) when written notice has been received by Resident Life's Assignments Office. Please refer to the *"Cancellation & Refund" section of the Agreement* for more information about deadlines and cancellation fees, or contact Resident Life's Assignments Office 301-314-2100.

Cancellation of the *Residence Halls/Dining Services Agreement* must be sent directly (Certified Mail suggested) to:

Resident Life Assignments Office
2100 Annapolis Hall
College Park, MD 20742-9123

Note: The $100 Non-Refundable Housing Reservation Fee paid by returning students will not be returned or credited to any outstanding balance owed to the campus.

After a student claims services (i.e., keys issued), charges for housing, dining and resident telecommunications are not refundable unless the student receives written approval for and effectively completes release procedures as stated in the *Residence Halls/Dining Services Agreement* or the *Procedures for Release from the Agreement* brochure.

1. The *Residence Halls/Dining Services Agreement* is for the entire academic year. Therefore, the University will not normally release an individual from the *Agreement* after services are claimed (i.e., keys issued).
2. In some specified cases, however, students may be released from the *Agreement* without incurring financial obligation (beyond occupancy and meal charges) only when Resident Life has received and verified upon a specified date a student's request for release that is based upon the student's withdrawal, graduation, marriage, student teaching, study abroad, co-op work in conjunction with a University-sponsored program, or substantial physical or emotional difficulties (verified by the University) which prevent continued participation in the *Agreement*.

   Such requests for release—effective at the end of the Fall semester or the start of the Spring semester—must have been submitted to Resident Life before 4:30 p.m., December 2, 1997, in order to avoid incurring the charges identified in the *Agreement* in the event the request is approved by Resident Life.
3. Request for release from the *Agreement* which is to be effective Spring 1998 will not be approved after the first scheduled day of Spring semester classes, except for reasons of disenrollment.

Please contact Resident Life's Assignments Office (301) 314-2100 for more information and other criteria that may allow for release from the R*esidence Halls/Dining Services Agreement.*

18 FINANCIAL

FINANCIAL AID

STUDENT

General Regulations Governing Receipt of Aid

Any student receiving financial aid who is contemplating dropping credits should see his or her Financial Aid Counselor before taking such action. Students receiving certain types of financial assistance are expected to attempt or maintain a minimum semester credit load in order to keep the full aid award (see the *Financial Aid Award Guide* for specifics). Neither credit earned by examination nor courses taken as "audit" can be counted toward the minimum credit level. If the recipient's enrollment level drops below the minimum requirement, the aid is automatically reduced or canceled. The student is then responsible for paying any resulting balance on his or her student account. Failure to pay the balance in a timely manner may lead to assessment of late fees and finance charges, or to severance of services by the University.

A student who has not received final approval of a financial aid award and accepted the award should expect neither a credit on his or her account nor a check at the time of registration. Unless financial aid has been awarded to and accepted by the student, no deferment of the bill will be granted, and the student should be prepared to pay his or her bill by the first day of classes.

Students sponsored by an agency or employer remain responsible for their fees. When payment is not received by the University from the sponsor, the student will be charged.

Students who register early will have their bills mailed to them. Students enrolling during Walk-In Registration will complete an estimated bill form at registration time. The following information may be helpful:

1. All accepted aid, except Federal PLUS Loans, Federal Work-Study, and National Merit Scholarships, will be credited directly to the student's account when the student has completed all paperwork to accept the award (see below). Checks for any credit remaining on the account after all charges are paid will be automatically requested for those students receiving financial aid. If awarded financial aid has not been credited on the early registration bill, deduct the approved and accepted financial aid amount for the semester, and pay the remaining balance.
2. The process for getting your refund check has changed. Refund checks will be mailed to your mailing address or electronically transferred to your bank acount, depending upon what arrangements you have made with the Bursar's Office.
3. Dining Hall Workships will be credited to the bill after the recipient signs a Workship contract with Dining Services.
4. Federal Work-Study and other university student employment will be paid to the student bi-weekly as work is performed.
5. Students who are awarded Federal Perkins Loans must sign promissory notes and associated forms each semester in order for the loan funds to be credited to their student accounts. The funds cannot be disbursed if the student has not completed these forms. Students who have accepted Federal Perkins Loans will be contacted by the Office of the Bursar regarding dates and times of promissory note signing sessions, which the student must attend in person each semester.
6. **Students contemplating a withdrawal should consult a Financial Aid Counselor prior to the withdrawal. Aid may be canceled or prorated based on attendance.**

Satisfactory Academic Progress Policy for Financial Aid

The Office of Student Financial Aid is required by federal and state regulations to monitor the academic progress of potential and current financial aid recipients. Applicants must comply with the Satisfactory Academic Progress Policy as a condition of initial or continuing eligibility. The policy described below is new, and became effective June 1, 1996.

Financial aid programs which are affected by the Satisfactory Academic Progress Policy include (but are not limited to) Federal Pell Grant, Federal SEOG, Federal Work-Study, Federal Perkins Loan, the Federal Family Education Loan Programs (Stafford, SLS, and PLUS), UMCP, Frederick Douglass, and UM Scholorships, Guaranteed Access, Educational Excellence, House of Delegates, and Senatorial Scholarships.

Satisfactory Academic Progress for undergraduates is measured in three areas. These areas consist of maintenance of an adequate grade point average, successful completion of a required number of credits per year, and receipt of a degree in a timely manner. Applicants must maintain compliance in all three areas in order to be eligible for financial aid programs. The specific policy requirements of each area are listed below.

1. *Minimum Grade Point Average*

Undergraduate students must maintain the required grade point average necessary to continue as degree candidates at the University of Maryland, College Park. Therefore, they must maintain an academic standing consistent with the University's retention policy as defined by the Registrar and outlined in the Undergraduate Catalog.

Students who are on "Academic Warning" due to their GPA may receive aid. Should a student fall to "Academic Dismissal" status, he or she will be considered ineligible for financial aid until readmitted through the Re-enrollment Office.

2. *Minimum Credit Requirement*

Undergraduate students with less than 30 hours attempted at UM

Non-transfer undergraduate students with less than 30 hours attempted at UM must have successfully completed at least 50% of all hours attempted at UM. Failure to meet this requirement will result in an immediate suspension of financial aid eligibility. A student completion rate above 50% but below 70% will receive a warning.

Any student whose aid eligibility is suspended for failure to meet satisfactory academic progress standards has the right to submit a written appeal if there are mitigating circumstances.

Undergraduate students with more than 30 hours attempted at UM

All undergraduate students with more than 30 hours attempted at UM must have successfully completed at least 70% of all hours attempted at UM. Failure to meet this requirement will result in a warning after the first occurrence and suspension of financial aid eligibility if the requirement is not met after two consecutive years.

Any student whose aid eligibility is suspended for failure to meet satisfactory acacemic progress standards has the right to submit a written appeal if there are mitigating circumstances.

What counts and what does not

Successful credits which do count toward the Minimum Credit Requirement are those courses graded with "A", "B", "C", "D", "S", or "P". Withdrawn ("W" grades), Incomplete ("I" grades), No Grade ("NG" grades), Fail ("F" grades), Unsatisfactory ("U" grades) and Audit courses do not count toward the Minimum Credit Requirement. Non-credit remedial courses do count toward the Minimum Credit Requirement, provided that the classes are required for the student's degree program. Repeat courses do not count if the classes are taken to improve passing grades, but do count if the classes are taken to replace failing grades.

Identification and handling of violators:

Probation: The OSFA will review the academic progress of all university students that apply for federal aid. Students who show a deficiency in the Minimum Credit Requirment will be notified that they are ineligible for financial aid or that they have been placed on Satisfactory Academic Progress Probation. This notification will be mailed to students before the next fall semester's open registration period.

If a student is placed on Probation, he or she **will** be allowed to receive financial aid for the next academic year. At the end of the probationary year, the student must meet the **Minimum Credit Requirement.** Students who fail to meet the Minimum Credit Requirment at the end of the probationary year will be placed on Satisfactory Academic Progress Suspension.

Suspension: A student whose eligibility has been suspended may not receive assistance until he or she **makes up the full credit deficit** with courses at UM at his or her own expense. When the student meets the Minimum Credit Requirement, financial aid eligibility will be reinstated.

Appeals:

If a student is placed on Probation, he or she does not need to appeal, because financial aid eligibility has not been revoked. Provided the student successsfully makes up any credit deficiency, he or she will automatically be taken off Probation.

OSFA has an appeal process that should be followed if a student is placed on suspension of aid eligibility and there were extenuating cirumstances that caused the violation of the Minimum Credit Requirement. Extenuating cirumstances are defined as environmental conditions that are outside of the student's control. Any extenuating circumstance should be referenced with third-party documentation. Applications for a Satisfactory Academic Progress Appeal are available from the Financial Service Center or from Financial Aid Counselors.

3. *MaximumTime Frame*

Undergraduate students must earn their degree, regardless of their program of study, within their **first one hundred-eighty (180) attempted credit hours.** Students who have not earned a degree within their first 180 attempted credits, whether they received financial aid or not, must attempt any additional credits at their own expense.

Transfer Credits

Students who transfer to the University will have the transfer credits that fulfill their UM degree requirements count toward the Maximum Time Frame limit. Students who transfer a large number of credits to UM will have no more than sixty credits count toward the Maximum Time Frame.

Violators of the Maximum Time Frame cannot receive traditional financial aid until they successfully complete their current degree programs and become accepted into new programs.

Appeals

There is very little flexibility in the Maximum Time Frame. However, students who feel that their individual circumstances warrant review should make an appointment to speak with their Financial Aid Counselor for advice on how to appeal.

Questions

Students who have questions regarding this policy for Satisfactory Academic Progress for financial aid eligibility should contact their Financial Aid Counselor. 301-314-8313.

Contact Financial Aid

Online at http://www.inform.umd.edu/FIN/ to:

- Check your loan status
- Check your bill
- Check your financial aid status
- Complete your loan entrance interview
- Find a workstudy job
- E-mail us (umfinaid@umdacc.umd.edu)
- Search for scholarships

LEARNING OPPORTUNITIES 19

ACADEMIC INFORMATION TECHNOLOGY SERVICES

Non-Credit Training Courses (Fall 1997)

Academic Information Technology Services offers a series of training classes scheduled during evening and weekend hours. Classes in the use of workstations (e.g., the IBM PC, Macintosh and Sun microcomputers) are designed to be a hands-on experience for those who wish to use a computer to do their class assignments and work.
The classes include: Introduction to IBM Windows 95, Introductory and Intermediate WordPerfect, Introductory and Intermediate Excel, Introductory and Intermediate Unix, Introduction to Macintosh, and Introductory Microsoft Word, PowerPoint and PageMaker. Additional classes on Network Technologies (including e-mail, ftp, and list-serv), Web Technologies and Search Stratagies, HTML, Photoshop and Mathematica are also offered. Instructors for the classes are computer experienced students. Call 405-2940 for scheduling information, or drop by *aITs* room 1400 to register for classes. There is a $5 fee for each class and many classes have prerequisites.

WAM Labs

Workstations at Maryland (WAM) labs are Academic Information Technology Services operated open workstation labs equipped with IBM PC, Macintosh, and SPARCstation workstations, operated as stand-alone systems or connected to remote computer systems. All of the labs have one or more Hewlett Packard 600 dpi laser printers to which students, with print authorization, can direct printed output. These labs are open to anyone in the College Park university community and most are open 24 hours daily, or as posted, during the regular university semester.

WAM lab locations and hardware and software availability are noted in the free handout, "Where to Go to Use a Computer" (available from the *aITs* Information Technology Library, *aITs* room 1400). Color Apple scanners and scanning software can be found in the EPSL, Hornbake, Parking Garage II, and Worcester WAM labs. Students with floppy disks will find 5.25" drives in the Centreville and Parking Garage II labs.

Students can also apply for free computer accounts (called WAM accounts) that will give them access to electronic mail and networked file storage. From any networked computer, telnet to wam.umd.edu and type register at the login id. A series of onscreen directions and prompts will lead students through the electronic registration process.

Centreville, room 0200	open 24 hours daily	IBMs, Macintoshes, SPARCstations
aITs, rooms 3330, 3332, 4352	7am-2am daily	IBMs, Macintoshes, SPARCstations
EPSL, Math room 2403	open Library hours	Macintoshes, SPARCstations
Hornbake, room 0300	open 24 hours daily	IBMs, Macintoshes
Parking Garage II, room 0504	24 hours daily	IBMs, Macintoshes, SPARCstations
Worcester, room 0111	24 hours daily	IBMs, Macintoshes, SPARCstations

A. JAMES CLARK SCHOOL OF ENGINEERING

Engineering Co-op & Career Services 1137 Engineering Classroom Building, (301)405-3863, co-op@eng.umd.edu (e-mail), www.coop.engr.umd.edu (web site)

Whether it's to wire robots in a car plant, monitor a waste water management project, or reformulate cough syrup for a pharmaceutical company, our office assists students in finding cooperative education, internship, summer, and part-time engineering positions.
Cooperative Education, Internships, and Summer Employment:
Through the Cooperative Education (Co-op) Program, students alternate semesters of full-time work and full-time study for approximately 50 weeks of work. Students are eligible to participate after near completion of their sophomore engineering requirements. Through the summer and part-time internship programs, students work full-time during the summer or part-time during the school year. Both programs provide students the opportunity to gain professional level experience, integrate theory and practice, confirm career choices, and help finance their education.

Application Process: To apply, students attend an orientation session and complete a TERP Disk that includes their resume. Workshops on completing the disk and interviewing skills are offered weekly. All students also receive a comprehensive handbook and a monthly newsletter that highlights job search tips, student work experiences, and office announcements.

Job Listings and On-Campus Interviews: All open positions and all on-campus interview schedules are posted on our 24-hour, on-line job listing system, TERP Online. This system is accessible through our home page on the World Wide Web. In addition, students have the opportunity to meet employers by participating in our job and career fairs.

COLLEGE PARK SCHOLARS PROGRAM (CPS)

(http://www.inform.umd.edu/cps)
CPS was developed to acquaint first and second-year students with the rich texture of academic life at the university. The program encourages students who share common intellectual interests to study together in courses organized around common themes and to live together in selected resident halls. CPS provides a focus for study, advising, and a variety of educational and social activities. Upon the successful completion of the program, the university will recognize the student's participation with a citation and an official notification on the student's transcript. If you are interested in the program or want more information about a particular program, please contact the programs directly:

- **CPS Executive Director, Dr. Nancy Shapiro, 301-314-2777**
- **CPS Advocates for Children, Dr. Al Gardner, Director, 301-314-5909**
- **CPS American Cultures, Dr. Jo Paoletti & Robyn Muncy, Co-Directors, 301-314-1513**
- **CPS Artists, Edward Walters, Director, 301-405-0522**
- **CPS Environmental Studies, Dr. Eileen McLellan, Director, 301-314-1519**
- **CPS International Studies, Dr. Lois Vietri, Director and Dr. Dorith Grant-Wisdom, Associate Director, 301-405-0529**
- **CPS Life Sciences, Dr. Lee Hellman, Director, 301-405-0528**
- **CPS Public Leadership, Nance Lucas, Director, 301-314-8657**
- **CPS Science, Discovery and the Universe, Dr. Lucy McFadden, Director, 301-405-2081**
- **CPS Science, Technology, & Society, Dr. Charles Striffler, Director, 301-405-0527**

COMMUNITY SERVICE PROGRAMS

Community Service Programs serves as a clearinghouse of information about community service opportunities in the Washington metropolitan area. A computerized database provides up-to-date information about volunteer opportunities for individuals and groups. An extensive series of handouts, a monthly newsletter, and a computerized list-serv featuring volunteer opportunities are also available. The office is located in 1195 Stamp Student Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m. with extended hours on Wednesday until 8:00 p.m. For more information call 301-314-CARE or visit the web site, http://www.inform.umd.edu/OCA.

CONSORTIUM OF UNIVERSITIES OF THE WASHINGTON METROPOLITAN AREA

The Consortium of Universities of the Washington Metropolitan Area consists of American University, The Catholic University of America, Gallaudet University, George Mason University, George Washington University, Georgetown University, Howard University, Marymount University, Mt. Vernon College, Trinity College, University of the District of Columbia, and the University of Maryland at College Park. Students enrolled in these institutions are able to attend certain classes at other campuses and have the credit considered "resident" credit at their own institution. Payment of tuition for courses will be made at the student's home campus. Any eligible degree seeking graduate or undergraduate student may participate in this program according to the following stipulations.

a. Golden ID students are not eligible to enroll in courses through the Washington Area Consortium with waiver of fees.
b. Neither the faculty and staff tuition remission program (this includes assistantships, fellowships, etc.) nor the partial tuition waiver program for spouses and dependents of University of Maryland employees may be used for courses taken through the Washington Area Consortium.
c. Continuing Education courses cannot be taken through the Consortium program.

Students whose fees are remitted through these programs and who are interested in enrolling in courses at Consortium schools will be expected to pay for the course or courses at the appropriate College Park credit hour rate for the semester in which they enroll.

A. Procedure for University of Maryland, College Park Students

Eligible Graduate Students

1. Must be degree seeking.
2. Need approval of the Departmental Director of Graduate Studies.
3. No more than 25% of course credits may be taken at other Consortium schools.
4. Practica, internships, workshops and similar experiential learning courses cannot be taken at other Consortium schools.
5. Comparable courses offered at University of Maryland, College Park may not be taken through the Consortium.

Eligible Undergraduate Students

1. Must be degree seeking.
2. Must have junior standing (56 credits). An exception to this policy is approval for courses in Army and Navy ROTC programs.
3. Need prior written approval of the following:
   a. The student's major department.
   b. The comparable University of Maryland, College Park department if the course is outside the major department.
   c. The student's dean.
4. Practica, internships, workshops and similar experiential learning courses cannot be taken at other Consortium schools.
5. Comparable courses offered at University of Maryland, College Park may not be taken through the Consortium. The intention is to allow students to take an occasional course to augment a program rather than to develop an individual program.

Registration for University of Maryland, College Park Students

1. Contact the Consortium Coordinator at the institution to be visited. This will determine if the course is open to Consortium students and if there are any special conditions, e.g., prerequisites, special fees. Special fees must be paid directly to the visited institution.
2. Contact the Consortium Coordinator in the University of Maryland, College Park Registration Office, Room 1101 Mitchell Bldg. 301-314-8239 to obtain the "Permission to Enroll in the Consortium Program" form. (Complete one form for each institution at which you wish to take courses.)
3. Acquire appropriate approvals and signatures on the "Permission to Enroll in the Consortium" form and return to the University of Maryland, College Park Consortium Coordinator. Permission will not be granted if a comparable course is offered at University of Maryland, College Park.
4. Pass/Fail or audit grading options are not permitted for Consortium courses.
5. A Consortium Registration Form will be filled out with the Consortium coordinator.
   Consortium institutions.
6. A copy of this form will be used as an identification card at the visited institution.
7. Show identification card (registration form copy) to the instructor of the

course to confirm enrollment, but keep the card.

8. If the course is cancelled or if you change or drop the course, immediately contact the Consortium coordinator at UMCP.
9. UMCP course change deadline apply for students visiting other Consortium institutions.
10. Grades earned by College Park students at other Consortium institutions in courses taken through the Consortium arrangement will be converted into the College Park grading system. These grades are used in the calculation of the cumulative grade point average.
11. Courses taken for credit through the Consortium in the student's final thirty hours must have prior approval from the student's college dean.

NOTE - 1) Consortium courses will be included in the semester credit load of 12 hours for financial aid purposes.

2) Only a maximum of 16 credits of ROTC course work may be applied toward a College Park degree.

B. Procedure for Visiting Students

Students from other Consortium schools may register for University of Maryland, College Park courses on a space available basis beginning with the first day of classes, September 2, 1997 for the Fall semester. Visiting Consortium students are not eligible to register for Instructional Television, Continuing Education, or professional education courses.

Students will be expected to meet all course prerequisites of University of Maryland, College Park. Also, prior approval will be required for courses restricted to special University of Maryland, College Park majors and permission only courses. See individual course listings in this SCHEDULE for course restriction information. Also, see "How to Read Course Listings." Visiting students must register at both their home campus and at University of Maryland, College Park.

1. Contact the University of Maryland, College Park Consortium coordinator at 301-314-8239, room 1101 Mitchell Bldg.
2. Fill out a Schedule Request form with requested courses. A visiting student cannot audit any University of Maryland, College Park courses.
3. Present the third copy of the Consortium Registration Form completed by your home campus to the University of Maryland, College Park coordinator.
4. The coordinator will officially register you for the University of Maryland, College Park courses. Please keep copies of the Schedule Request/Schedule Adjustment form for your records.
5. If the course is cancelled, or if you change or drop the course, immediately contact the Consortium coordinator at the visiting campus and your home campus.

Dates Classes Begin for Consortium Schools

American University	September 3
Catholic University	August 25
Gallaudet University	TBA
George Mason University	August 25
George Washington University	August 26
Georgetown University	August 27
Howard University	August 25
Marymount University	September 4
Mount Vernon College	September 2
Trinity College	September 2
University of the District of Columbia	TBA
University of Maryland, College Park	September 2

GOLDEN IDENTIFICATION CARD PROGRAM

The University of Maryland participates in the Golden Identification Card Program. This program allows eligible senior citizens to take advantage of the wide variety of course offerings. To be eligible for participation the individual must be 60 years of age or older, a legal resident of the State of Maryland and retired (not engaged in gainful employment for more than 20 hours a week). Application is made through the Office of either Undergraduate or Graduate Admissions. The appropriate application fee will be assessed; tuition is waived. A fee of *$104.50 is charged each semester. This fee is the same fee that is charged to all part-time undergraduate students less the health, student activities, and athletic fees. Golden ID students register on a space available basis for a maximum of three courses during the first week of classes. Golden ID students must meet all course prerequisite and co-requisite requirements. The Golden Identification Card, with a current semester registration card will entitle eligible persons to certain academic services, including the use of the libraries, as well as certain other non-academic services. Such services will be available during any session only to persons who have registered for one or more courses for that session. Golden ID students are not eligible for Consortium courses or Continuing Education.

Golden ID students also have the opportunity to become involved with the Golden ID Student Association which provides cultural and social events, course recommendations, and peer advising. Additional information may be obtained from the Office of Undergraduate Admissions, Mitchell Building, 301-314-8385, or the Golden ID Student Program, 1st Floor Mitchell Bldg. 301-314-8219. **Fee at time of publication*

INTER-INSTITUTIONAL REGISTRATION PROCEDURES

Undergraduate students have the opportunity to take courses at other University of Maryland System Institutions (host institution) to augment their degree program at University of Maryland, College Park (home institution) under the Concurrent Inter-Institutional Registration program. Students may take courses at the system schools listed below provided they meet requirements of the program.

System Institutions Include:

Bowie State University	University of Baltimore
Coppin State College	University of Maryland at Baltimore
Frostburg State University	University of Maryland Baltimore County
Salisbury State University	University of Maryland, College Park
Towson State University	University of Maryland Eastern Shore

NOTE: Inter-Institutional Concurrent Registration is not available at University College for University of Maryland, College Park Students.

Program Requirements:

To participate in the program University of Maryland, College Park students must:

a. have sophomore standing

b. be in good academic standing

c. be enrolled full-time in a degree program at University of Maryland, College Park for the semester in which the course(s) are taken. Full-time status is defined as a combination of credits registered for at College Park, and the registered credits at the host institution.

d. have approval from their dean for the course to count as resident credit

e. comply with the host institution's registration procedures and deadlines

Enrollment in courses is on a space available basis and visiting students are expected to meet prerequisites or other criteria set by the host institution. Tuition and fees are paid at the home institution, however, fees at the host institution associated with special courses may be assessed. Continuing Education courses cannot be taken.

Registration Procedures:

1. Obtain an Inter-Institutional Registration form from the Special Programs Coordinator in Room 1101 Mitchell Building.
2. Complete form and have course approved by your college dean.
3. Return form to Special Programs Coordinator for verification and approval. Retain a copy of the approval form for registration at the host institution. (The Special Programs Coordinator can provide information about registration dates and times at other University of Maryland System institutions.)
4. Contact the program coordinator/registrar at the host institution to inquire about and arrange for registration. Registration will be according to the host's institutional policies and deadlines. Special permits, parking or other fees at the host institution are the responsibility of the student.
5. Upon completion of the course, the host institution will forward an official transcript to the home institution reflecting the grade(s) earned in the course(s) taken there. Records and Registrations will post the grade(s) to the student's record and note that the course(s) were taken as part of the Inter-Institutional program, and where. Course grades will be calculated in the student's g.p.a. and academic totals at University of Maryland, College Park.

Complete procedures can be found on the University of Maryland System, Application for Inter-Institutional Enrollment form available from Jeff Bowling, Special Programs Coordinator, Room 1101, Mitchell Building, 301-314-8239.

STUDY ABROAD

Advising is available on study, travel, and work abroad opportunities. Listed below are study programs sponsored by the University of Maryland. If you do not see a program that interests you, advisors can refer you to numerous other programs sponsored by U.S. and foreign institutions.

Study in London—The curriculum consists of courses in the humanities, business, social sciences and sciences. Students are able to live in dorms, in flats with other program participants or with a British family to increase their immersion in British life.

Exchanges in Engineering and Science - Students may study in either Canada or Mexico for a semester or a year. Language competence may be required.

Semester in Spain - Offers Spanish language and culture studies at the University of Alcala de Henares. Students may also enroll in an internship, or in a course in Spanish Literature, Business or Civilization. Spring Semester.

January Session in Denmark - Sponsored by College Park Scholars International Studies, this English-language program focuses on contemporary European issues, including European integration/disintegration, the European Union and environmental policy and problems.

Study in Israel—Offers a semester of study in Israel. Students attend Tel Aviv University where they take courses taught in English that focus on Israeli and Middle East Studies, fall and spring semesters.

Study in Denmark—The curriculum offers courses in English focusing on humanities and social sciences, engineering, international business and marine environmental studies. Students are housed with families or in dorms.

Study in Brazil—Offers courses in Portuguese at the Pontifical Catholic University of Rio de Janeiro.

Study in France—This program offers special courses in French for foreigners or regular courses at the University of Nice for a full year or spring semester.

Study in Italy—Students take courses at the Institute of Italian Studies, which is comprised of the Lorenzo De'Medici Institute and the Art Institute of Florence. Classes in English, fall and spring semesters.

Study Business in Spain or Germany—Under a grant from the U.S. Department of Education, International Business and Foreign Language Studies (IBFL) has created two

programs focusing on business and Spanish or German.
Maryland in Mexico City—Spanish language and Latin American studies, fall and spring semester.
German and Engineering—As part of a dual degree program, students spend six months in Germany or outside Europe studying the language and completing an internship with an engineering company.
Summer programs—For 1998 the following will be offered: Study architecture in Europe. Improve your language skills by studying German language in Kassel, Germany, beginning Spanish language in Taxco, Mexico, and advanced Spanish language in Madrid, Spain. Participate in fieldwork in Costa Rica.
Maryland Exchanges—There are exchanges with schools in England, Japan, Korea, Austria, Sweden, Spain and Germany. Most require at least two years of appropriate language or subject study and a 3.0 G.P.A.; many offer scholarships.

FOR INFORMATION CONTACT: Study Abroad Office, 3125 Mitchell Building, 301-314-7746.
e-mail: studyabr@deans.umd.edu. URL: http://www.inform.umd.edu/INTL/studyabroad

UNDERGRADUATE RESEARCH ASSISTANCE PROGRAM

Interested in Research, but don't have a lot of time?? Try URAP.

The Undergraduate Research Assistance Program provides opportunities for students to work closely with faculty from across the University on their research projects. URAP students provide 4-5 hours/week of time.

What do you get?

- An introduction to research in an area of interest to you
- Close contact with a faculty member
- A notation on your transcript that includes the title of your project

Where can you get more information?

- Check out our website at http://www.inform.umd.edu:8080/EdRes/UgradInfo/UgradStudies/URAP
- Drop by 2130 Mitchell Building to pick up a brochure containing hundreds of projects with faculty interested in working with you
- Come to the URAP Forum on September 10 and 11 at noon in the Maryland Room of Marie Mount Hall

Juniors - Start thinking about NEXT summer now! Senior Summer Scholars provides a stipend for full time research projects in Summer 1998. Come to the Summer Scholars Forum in early October to find out what the Seniors have accomplished during their summer break. Day and time will be announced in the Fall. Look for signs!

WORLD COURSE FOR FALL 1997

The Undergraduate Program at University of Maryland, College Park has embarked on a novel educational initiative to offer unique interdisciplinary courses to first and second year students. These courses, called the World Courses, are broad in concept, cross-disciplinary, contemporary, and exciting. They are focused on big issues of the world in which we live, and will be team-taught by outstanding teachers. The World Courses are approved for CORE Distributive Studies credit in the appropriate categories, and are designed to meet twice a week as a large lecture (with approximately 150-200 students) and once a week in 25-student discussion sessions. During Fall 1997 the following World Courses will be offered:

UNIV 118A-THE CREATIVE DRIVE: CREATIVITY IN MUSIC, ARCHITECTURE, AND SCIENCE 3 credits; no prerequisites.

Core History or Theory of the Arts (HA)

Lectures will take place Mondays and Wednesdays 10:00-10:50. 75-minute discussion sections will occur on Thursdays or Fridays, depending on the section selected (see listing under UNIV 118A).

There is creativity in virtually every aspect of life: from literature to art, from music to dance, from communication to science, from engineering to business. Thus it is natural to ask what is creativity, what is the process of creativity in different areas, and what are its common threads. In this offering of ***The Creative Drive*** we will focus especially on the great creative personalities and works in jazz and popular music, modern architecture, and scientific chaos. This course will be led by professors of Music, Architecture, and Mathematics.

UNIV 138A-TECHNOLOGY AND THE ENVIRONMENT: TO STEM THE FLOW: THE NILE, TECHNOLOGY, POLITICS, AND THE ENVIRONMENT 3 credits; no prerequisites.

*Students may use UNIV 138A to satisfy **ONE** of either CORE Physical Sciences Non-Lab (PS) **or** CORE Life Sciences Non-Lab (LS) **or** CORE Social Science or Political History (SH) course requirement. UNIV 138A counts as only one course toward CORE requirements.*

There will be two lectures and one discussion meeting each week (see listing under UNIV 138A).

Throughout history, human beings have tried to modify the natural environment by means of technology. Such activity while bringing about economic benefits, has also at times had unintended, negative consequences. ***To Stem the Flow*** looks at the interplay of engineering, the environment, biological communities, and politics from the historical context of Egyptian development of the Nile River Valley. The goal of the course is to enable students to appreciate the interdependence of technology, politics, and the environment in the modern world. The course will be lead by professors from Engineering, Government and Politics, and Microbiology.

22 FIRST YEAR FOCUS

COURSE CLUSTERS

The experience of becoming a student at a busy university is always exhilarating - and sometimes a bit daunting. First Year Focus courses are clustered around specific themes or disciplines and are designed to help you find courses, professors, and other students who share some of your interests. The courses listed here include those that have interested first-year students in years past. First Year Clusters are open to all first-year students with the exception that Honors and College Park Scholars students may only register for the courses listed under First Year Focus Clusters for Specific Majors.

Course Clusters offer a kind of academic map to new students. The clusters described on these pages are composed of two or three courses linked together because each is enhanced by taking it in conjunction with the other courses in the cluster.

Clusters are most appropriate for entering first year students. Most courses are at the 100 and 200 levels, have no prerequisites, and fulfill a core requirement. Only a limited number of seats are available in each cluster (approximately 20-25), and space is allocated on a first come first serve basis.

Each cluster contains a "home" course in which enrollment is limited to approximately 20 first year cluster students. Other courses in the cluster are regularly offered sections in which seats have been set aside for a certain cluster's participants so that the students become accustomed to university classes with the company of a familiar group of first year students. The "home" course serves as a site where students will have assignments and discussions that integrate the learning of the other two classes. To register for a Cluster, simply register for the Cluster number. That single registration puts you in all the courses in the cluster. There is no need to register for the courses individually.

CLUSTER 1

Talk of the Struggle: Protest and Social Change

CLUS 001 section 0001 index 09429

Does social change occur in predictable ways or can societies be pushed? What is the role of protest and resistance in social change? How do protest movements fit within cultural communication patterns? This cluster examines these questions by looking at the African American protest movement in the United States within the larger context of various cultural communication traditions.

Introduction to Sociocultural Anthropology and Linguistics explores the culture and social relationships in a wide variety of settings from small-scale to complex societies. An overview of how anthropology analyzes human behavior with particular attention to the relationship between language and culture.

ANTH 260+	section 0201	MWF 10:00-10:50	3 credits

Introduction to Writing familiarizes students with college level writing. Teaches students how to construct and develop issues, use and represent sources, and revise and improve their prose.

ENGL 101+	section 1214	TuTh 11:00-12:15	3 credits

Films of Revolution and Social Change explores the impact film has on social change and how film reflects change in various cultures.

CMLT 298L	section 0101	TuTh 9:30-10:45	3 credits

CLUSTER 2

Body and Mind

CLUS 002 section 0002 index 09439

Since the beginning of time, human beings have wavered between viewing the mind and body as separate and apart, and viewing them as interactive and whole. However, whether of one piece or many, whether collaborative or contentious, the working of mind and body are inextricable linked and cannot be studied apart from one another. Body and Mind provides the tools to consider one of the oldest dichotomies. It encourages students to think about the psychological and biological bases of human existence.

Principles of Biology I introduces students to key biological principles that characterize living organisms and evidence that supports these principles. Students are required to answer introductory questions each week before their lab and submit final reports. This course is for science majors.

BIOL 105+	section 5116	MWF 10:00-10:50 M 1:00-3:50	4 credits

Introduction to Psychology helps students to understand the broad theoretical systems developed in an effort to understand behavior. Included are the ways in which those theories have been tested and the outcomes of the tests.

PSYC 100+	section 0234	TuTh 2:00-2:50 W 1:00-1:50	3 credits

Introduction to Writing familiarizes students with college level writing. Teaches students how to construct and develop issues, use and represent sources, and revise and improve their prose.

ENGL 101+	section 1301	TuTh 12:30-1:45	3 credits

CLUSTER 3

Public Orders and Private Values: Politics and Ethics

CLUS 003 section 0003 index 09449

A president impeached. Another president subpoenaed. Governors, legislators, and judges jailed. Countless others slink from public view in half of denunciations. What is the appropriate behavior of public officials? How does the public hold them to that standard? How does the public create that standard and what is the relationship between private behavior of individual citizens and the standard of public life? How are rights and responsibilities of citizens in a democratic society balanced with the needs of the nation as whole? Throughout history, the line between individual rights and the public good is one that has been ambiguous and hotly debated. Public Orders and Private Lives: Politics and Ethics examines these questions by confronting and debating some of the most difficult and pressing social and moral issues of our day.

American Government offers a comprehensive understanding of the American political system. It focuses both on structure and process and explores the social, cultural, economic, and historic contexts within which the political system operates.

GVPT 170+	section 0206	MW 10:00-10:50 F 11:00-11:50	3 credits

Contemporary Moral Issues focuses on moral issues that have social-political policy dimensions. Examples of issues include: abortion, euthanasia, hunger, the death penalty, equality, and discrimination.

PHIL 140+	section 0301	TuTh 2:00-3:15 F 9:00-9:50	3 credits

Speech Communication: Principles and Practices explores valuable techniques of listening, group discussion, and interviewing, as well as public briefings and persuasive speaking.

SPCH 107+	section 3801	TuTh 9:30-10:45	3 credits

CLUSTER 4

Play of Life: Exploring the World Within

CLUS 004 section 0004 index 09459

One of the great challenges of societies has been for men and women to understand and describe themselves and how they relate to the world around them. Play of Life: Exploring the World Within examines the inner life through aesthetic imagery, and psychological theory.

Introduction to Theatre focuses on what makes theater a unique form of art. Students explore aesthetic issues, matters of craft, and the history of theatrical practice. The course includes lecture, discussions, exercises, papers, and exams. Extra credit work in theatrical production allows students to apply directly what they learn in this course.

THET 110+	section 0109	MW 9:00-9:50 F 10:00-10:50	3 credits

Introduction to Psychology helps students to understand the broad theoretical systems developed in an effort to understand behavior. Included are the ways in which those theories have been tested and the outcomes of the tests.

PSYC 100+	section 0231	TuTh 2:00-2:50 W 10:00-10:50	3 credits

Introduction to Writing familiarizes students with college level writing. Teaches students how to construct and develop issues, use and represent sources, and revise and improve their prose.

ENGL 101+	section 1108	TuTh 9:30-10:45	3 credits

CLUSTER 5

Justice for All?

CLUS 005 section 0005 index 09469

The jury returns the verdict in the Rodney King case and Los Angeles goes up in smoke. The country tunes in and takes sides over O.J. Simpson's double murder trial. Meeting the promise of the Pledge of Allegiance - "liberty and justice for all" - has never been more important or more difficult. Justice for All? Examines the role of the civil rights movement and criminal justice system in the United States and their effectiveness at meeting the needs of all Americans. Courses in Justice for All? provide both historical and theoretical understanding of race crime and punishment in contemporary America.

Introduction to Criminal Justice provides an introduction to the administration of criminal justice in a democratic society with emphasis on the theoretical and historical development of law enforcement. The principles of organization and administration for law enforcement, planning and research, public relations, personnel and training, inspection and control, direction and policy formulation will all be studied.

CCJS 100+	section 0101	TuTh 4:00-4:50 M 9:00-9:50	3 credits

American Government offers a comprehensive understanding of the American political system. It focuses both on structure and process and explores the social, cultural, economic, and historic contexts within which the political system operates.

GVPT 170+	section 0207	MW 10:00-10:50 F 9:00-9:50	3 credits

Introduction to American Studies provides and introduction to American cultural students — past and present — by examining the concept of "self" in American autobiographical writing and the concept of "society" in accounts of various communities.

AMST 201+	section 0501	TuTh 8:00-9:15	3 credits

FIRST YEAR FOCUS 23

COURSE CLUSTERS

CLUSTER 6

Expression of the Mind

CLUS 006 **section 0006** **index 09479**

How do we learn? What influences our behavior? In what ways are we responsible for our behavior? This interdisciplinary cluster will explore some of these questions from the point of view of both the humanities and social sciences. This cluster is open only to students in the College of Arts & Humanities and the Division of Letters & Science.

Introduction to Writing familiarizes students with college level writing. Teaches students how to construct and develop issues, use and represent sources, and revise and improve their prose.

ENGL101+	section 0203	MWF 10:00-10:50	3 credits

Introduction to Theatre focuses on what makes theater a unique form of art. Students explore aesthetic issues, matters of craft, and the history of theatrical practice. The course includes lecture, discussions, exercises, papers, and exams. Extra credit work in theatrical production allows students to apply directly what they learn in this course.

THET110+	section 0205	MW 11:00-11:50 F 9:00-9:50	3 credits

Introduction to Psychology helps students to understand the broad theoretical systems developed in an effort to understand behavior. Included are the ways in which those theories have been tested and the outcomes of the tests.

PSYC100+	section 0113	TuTh 9:00-9:50 W 1:00-1:50	3 credits

CLUSTER 7

New Perspectives on Indiana Jones: World Archaeology

CLUS 007 **section 0007** **index 09489**

What do we do to an object when we excavate it from the earth? Do we strip it of its original meaning? What information travels with the object and what is lost? This cluster explores the relationships between objects, their environment and the humans who made them, used them and left them behind. Courses in the Departments of Art History and Archaeology and Anthropology will examine the history of archaeology and material cultures through two differing perspectives. In ARTH200, students will study the cultural remains of the earliest civilizations through the Middle Ages. Art works will be placed in their archaeological contexts in order to reveal information about the development of the cultures that created the finds that we now excavate. ARTH240 will examine the history of the discipline from an anthropological perspective--from the evolution of humankind to recent discoveries about colonial men and women. GEOL 120 will show how environmental conditions contributed to human developments. The three courses fulfill core requirements: HA, SB, PS, and work together to examine the same discipline, archaeology, from differing perspectives. These courses will be accompanied by a monthly lecture series that seeks to augment the views of archaeology offered by this cluster.

Art of the Western World to 1300 focuses on painting, sculpture, and architecture from prehistoric times to the Renaissance.

ARTH200+	section 0102	TuTh 9:30-10:20 M 11:00-11:50	3 credits

Introduction to Archaeology is an exploration of the variety of past human societies and cultures through archaeology, from the emergence of anatomically modern humans to the most recent historical past.

ANTH240+	section 0201	MWF10:00-10:50	3 credits

Environmental Geology examines environmental problems through a series of case studies drawn from different regions of the world, including such topics as Brazil's alternative fuels program, soil erosion and its impacts on agriculture in Indonesia, and flood control in the Netherlands. In addition to text materials, the course makes extensive use of videos to dramatically illustrate such natural processes and human hazards as coastal erosion and landslides and also features in-class group discussions of practical applications of geologic principles.

GEOL120+	section 0102	TuTh12:30-1:45	3 credits

First Year Focus Clusters for Specific Majors

These clusters are designed and recommended for specific majors by their advisors. The courses satisfy major requirements and provide instruction in basic skills and concepts necessary for the successful completion of the majors. Honors and College Park Scholars students are eligible to register for these clusters unless otherwise stated.

CLUSTER 8

Environmental Science and Policy

Limited to students in Environmental Sciences and Policy

CLUS 008 **section 0008** **index 09499**

Introduction to Environmental Science is the first part of a two-semester course sequence that introduces students to the topics studied and methods employed in modern environmental science studies. Emphasis will be on critical evaluation of information available on such topics as atmospheric chemistry, radiation transfer, water pollution and overuse of groundwater, natural resources and biodiversity.

ENSP101+	section 0101	TuTh 9:30-10:45 Th 2:00-2:50	3 credits

General Chemistry is the first semester of a chemistry sequence intended for students whose curricula require a year or more of chemistry. The nature and composition of matter, chemical calculations, elements and inorganic compounds. Recommended: CHEM 001 or placement in MATH 115 or higher.

CHEM103+	section 3425	MWF 12:00-12:50 Tu 12:00-12:50 Th 12:00-12:50	4 credits

Introduction to Writing familiarizes students with college level writing. Teaches students how to construct and develop issues, use and represent sources, and revise and improve their prose.

ENGL101+	section 0210	MWF 10:00-10:50	3 credits

Journalism

The message from medial employers is consistent. Regardless of the setting (be it print, broadcast, advertising or public relations), media professions should have a breadth of understanding matched by a curiosity about the world around them. Toward that end, the College of Journalism has established a variety of course requirements to assist students in cultivating their understanding. Below are two clusters reflection required courses for journalism majors. Special section JOUR 101 — Professional Orientation — are also included with distinctive discussion sections designed to assist cluster participants in exploring their education and its relationship to their future goals.

CLUSTER 9

Focus on Journalism

Limited to Journalism majors

CLUS 009 **section 0009** **index 09509**

Introduction to Psychology helps students to understand the broad theoretical systems developed in an effort to understand behavior. Included are the ways in which those theories have been tested and the outcomes of the tests.

PSYC 100+	section 0339	TuTh 3:00-3:50 F 11:00-11:50	3 credits

American Government offers a comprehensive understanding of the American political system. It focuses both on structure and process and explores the social, cultural, economic, and historic contexts within which the political system operates.

GVPT 170+	section 0208	MW 10:00-10:50 F 10:00-10:50	3 credits

Speech Communication: Principles and Practices explores valuable techniques of listening, group discussion, and interviewing, as well as public briefings and persuasive speaking.

SPCH 107+	section 2301	TuTh 9:30-10:45	3 credits

Professional Orientation is a survey of journalism professions, emphasizing appropriate academic and career development strategies.

JOUR 101+	section 0101	MW 9:00-9:50 F 9:00-9:50	1 credit

CLUSTER 10

Focus on Journalism

Limited to students in the Division of Letters & Science with an interest in Journalism.

CLUS 010 **section 0010** **index 09519**

American Government offers a comprehensive understanding of the American political system. It focuses both on structure and process and explores the social, cultural, economic, and historic contexts within which the political system operates.

GVPT 170+	section 0205	MW 10:00-10:50 F 10:00-10:50	3 credits

Speech Communication: Principles and Practices explores valuable techniques of listening, group discussion, and interviewing, as well as public briefings and persuasive speaking.

SPCH107+	section 0901	MWF 11:00-11:50	3 credits

Professional Orientation is a survey of journalism professions, emphasizing appropriate academic and career development strategies.

JOUR101+	section 0102	MW9:00-9:50 F9:00-9:50	1 credit

Engineering

These clusters were developed to enhance the opportunities for first semester engineering students to engage in collaborative learning and group study. The clusters are limited to 18 students and are not open to students in the Honors, College Park Scholars, and Gemstone programs. The goal is to provide an early academic experience with a select group of students who share common interests in science, math and engineering. Through this opportunity for collaborative learning the students will be better prepared for the engineering "work world".

CLUSTER 11

Engineering Design

CLUS 011 **section 0011** **index 09529**

Calculus I introduces students to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching of graphs of functions, definite and indefinite integrals, and calculation of area. Emphasis on

24 FIRST YEAR FOCUS

COURSE CLUSTERS

student interaction in groups, including teams approach to solving calculus based problems.

MATH 140+	section 0312	MWF 11:00-11:50 TuTh 11:00-12:20	4 credits

Introduction to Engineering Design meets for one hour of lecture and two hours of laboratory per week. Students work as teams to design and build a product using computer software for word processing, spreadsheet, CAD, and communication skills.

ENES 100+	section 0206	W 12:00-12:50 Th 2:00-4:00	3 credits

General Chemistry for Engineers will acquaint students with the concepts of matter, solutions, chemical reactions, equilibria, kinetics, thermodynamics, and electrochemistry.

CHEM 133+	section 6138	MWF 2:00-2:50 W 3:00-5:50 M 12:00-12:50	4 credits

CLUSTER 12

Engineering Design

CLUS 012 section 0012 index 09539

Calculus I introduces students to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching of graphs of functions, definite and indefinite integrals, and calculation of area. Emphasis on student interaction in groups, including a team approach to solving calculus based problems.

MATH 140+	section 0231	MWF 10:00-10:50 TuTh 11:00-12:20	4 credits

Introduction to Engineering Design meets for one hour of lecture and two hours of laboratory per week. Students work as teams to design and build a product using computer software for word processing, spreadsheet, CAD, and communication skills.

ENES 100+	section 0104	W 11:00-11:50 Tu 8:00-10:00	3 credits

General Chemistry for Engineers will acquaint students with the concepts of matter, solutions, chemical reactions, equilibria, kinetics, thermodynamics, and electrochemistry.

CHEM 133+	section 6117	MWF 2:00-2:50 M 3:00-5:50 M 11:00-11:50	4 credits

Engineering Orientation

Engineering Orientation Clusters will provide an overview of each engineering discipline and the opportunity for students to engage in collaborative learning and group study. Each cluster is limited to 20 students and is not open to students in the Honors, College Park Scholars, and Gemstone programs. The goal is to provide an early academic experience with a select group of students who share interests in science, math and engineering. These clusters also provide an orientation on the faculty, curriculum, services, resources, and activities available to enhance an engineering student's success in engineering.

CLUSTER 13

Engineering Orientation

CLUS 013 section 0013 index 09549

Precalculus is a course in mathamatics for students in engineering and other technical disciplines. Topics are elementary functions and graphs: polynomials, rational functions, exponential and logarithmic functions, and trigonometric functions. Algebraic techniques preparatory for calculus.

MATH 115+	section 0302	MWF 3:00-3:50	3 credits

Introduction to Writing familiarizes students with college level writing. Teaches students how to construct and develop issues, use and represent sources, and revise and improve their prose.

ENGL 101+	section 0405	MWF 12:00-12:50	3 credits

College Career and Advancement: The Student and the University is a one credit course that provides the knowledge and skills students need to enhance college as a learning experience, and make graduation in engineering a primary goal.

EDCP 1080	section 0604	Tu 10:00-12:00	1 credit

CLUSTER 14

Engineering Orientation

CLUS 014 section 0014 index 09559

Review of High School Algebra is recommended for students who plan to take MATH 110 or MATH 002, but are not currently qualified to do so. This course carries a special fee in addition to regular tuition charges. This course does not carry academic credit. Review of algebraic skills fundamental to any further study of mathematics. Exponents, polynomials, linear equations in one and two variables, quadratic equations.

MATH001+	section 0401	MWF 11:00-11:50	3 credits

Introduction to Writing familiarizes students with college level writing. Teaches students how to construct and develop issues, use and represent sources, and revise and improve their prose.

ENGL101+	section 1401	TuTh 2:00-3:15	3 credits

College Career and Advancement: The Student and the University is a one credit course that provides the knowledge and skills students need to enhance college as a learning experience, and make graduation in engineering a primary goal.

EDCP108O	section 0605	W3:00-5:00	1 credit

CLUSTER 15

Engineering Orientation

CLUS 015 Section 0015 index 09569

Advanced Review of High School Algebra is recommended for students who plan to take, but who are not currently qualified for MATH 115. This course carries a special fee in addition to the regular tuition charge and does not carry credit towards any degree at the University. Review of high school algebra is at a faster pace and at a more advanced level than MATH 001. Exponents; polynomials; linear equations in one and two variables; quadratic equations; and polynomial, rations, exponential and logarithmic functions.

MATH002+	section 0511	MW 1:00-1:50 TUTH 1:00-1:50	3 credits

Introduction to Writing familiarizes students with college level writing. Teaches students how to construct and develop issues, use and represent sources, and revise and improve their prose.

ENGL101+	section 1401	TuTh 2:00-3:15	3 credits

College Career and Advancement: The Student and the University is a one credit course that provides the knowledge and skills students need to enhance college as a learning experience, and make graduation in engineering a primary goal.

EDCP108O	section 0605	W 3:00-5:00	1 credit

Education

Education Orientation Clusters provide students with the opportunity to engage in collaborative learning with a select group of students who share an interest in education. The goal is to provide students with an early academic experience that will enhance their success in education.

CLUSTER 16

Education Orientation

EDCP 1080 is recommended for students enrolled in this cluster. Open to Early Childhood and Special Education majors only.

CLUS 016 section 0016 index 09579

History of the United States to 1865 is a study of the United States from the end of the Civil War to the present. Economic, social, intellectual, and political developments. Rise of industry and emergence of the United States as a world power.

HIST156+	section 0103	TuTh 11:00-11:50 M 1:00-1:50	3 credits

Introduction to Contemporary Social problems is an examination of contemporary social problems through sociological perspectives; ways in which social problems are part of the organization of society; a detailed study of selected social problems including social conflict and social inequality.

SOCY105+	section 0105	TuTh 2:00-2:50 F 1:00-1:50	3 credits

Introduction to Psychology helps students to understand the broad theoretical systems developed in an effort to understand behavior. Included are the ways in which those theories have been tested and the outcomes of the tests.

PSYC100+	section 0111	TuTh 9:00-9:50 M 11:00-11:50	3 credits

CLUSTER 17

Education Orientation

EDCP 1080 is recommended for students enrolled in this cluster. Open to Early Childhood and Elementary Education majors only.

CLUS 017 Section 0017 index 09589

History of the United States to 1865 is a study of the United States from the end of the Civil War to the present. Economic, social, intellectual, and political developments. Rise of industry and emergence of the United States as a world power.

HIST156+	section 0305	MW 11:00-11:50 Tu 10:00-10:50	3 credits

Introduction to Sociology explains the fundamental concepts and principles of sociology. Includes consideration of culture, patterns of social interaction, norms, values, social institutions, stratification and social change.

SOCY100+	section 0503	MW 2:00-2:50 F11:00-11:50	3 credits

Introduction to Writing familiarizes students with college level writing. Teaches students how to construct and develop issues, use and represent sources, and revise and improve their prose.

ENGL101+	section 0202	MWF 10:00-10:50	3 credits

FIRST YEAR FOCUS 25

COURSE CLUSTERS

CLUSTER 18

Education Orientation

EDCP 1080 is recommended for students enrolled in this cluster. The focus of this cluster is on principles of oral, written, and nonverbal communication. Open to students in the College of Education only.

CLUS 018 section 0018 index 09599

Introduction to Writing familiarizes students with college level writing. Teaches students how to construct and develop issues, use and represent sources, and revise and improve their prose.

ENGL101+	section 0506	MWF 1:00-1:50	3 credits

Speech Communication: Principles and Practices explores valuable techniques of listening, group discussion, and interviewing, as well as public briefings and persuasive speaking.

SPCH107+	section 1901	MWF 2:00-2:50	3 credits

Building Community in Computer, Math and Physical Sciences

These clusters are aimed at a select group of students who share an interest in Computer Science, Math, Physics or Astronomy, affording them the opportunity to engage in collaborative learning with their peers. The goal is to provide students with an early academic experience that will enhance their success in their chosen area of study.

CLUSTER 19

Computer Science and Math

(open to majors only)

CLUS019 section 0019 index 09601

Introduction to C Programming meets for three hours of lecture and two hours lab per week. Students will study the design and analysis of programs in C and be introduced to computing using structured programming concepts. Prerequisite: MATH 110.

CMSC 106+	section 0102	MWF 12:00-12:50 MW 4:00 - 4:50	4 credits

Precalculus is a course in mathematics for students in engineering and other technical disciplines. Topics are elementary functions and graphs: polynomials, rational functions, exponential and logarithmic functions, and trigonometric functions. Algebraic techniques preparatory for calculus.

MATH 115+	section 0721	MWF 1:00 - 1:50 Th 9:30 - 10:45	3 credits

College Career and Advancement: The Student and The University is a one credit course that provides the knowledge and skills students need to enhance college as a learning experience.

EDCP 108O	section 0401	W 2:00 - 4:00	1 credit

CLUSTER 20

Computer Science and Math

(open to majors only)

CLUS 020 section 0020 index 09602

Introduction to C Programming meets for three hours of lecture and two hours lab per week. Students will study the design and analysis of programs in C and be introduced to computing using structured programming concepts. Prerequisite: MATH 110.

CMSC 106+	section 0202	MWF 2:00 - 2:50 MW 4:00 - 4:50	4 credits

Calculus I introduces students to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching of graphs of functions, definite and indefinite integrals, and calculation of area. Emphasis on student interaction in groups, including team approach to solving calculus based problems.

MATH 140+	section 0114	MWF 8:00 - 8:50 TuTh 8:00 - 9:20	4 credits

College Career and Advancement: The Student and the University is a one credit course that provides the knowledge and skills students need to enhance college as a learning experience.

EDCP 108O	section 0402	Th2:00-3:50	1 credit

CLUSTER 21

Computer Science and Math

(open to majors only)

CLUS 021 section 0021 index 09603

Introduction to C Programming meets for three hours of lecture and two hours lab per week. Students will study the design and analysis of programs in C and be introduced to computing using structured programming concepts. Prerequisite: MATH 110.

CMSC 106+	section 0401	MWF 11:00 - 11:50 MW 3:00 - 3:50	4 credits

Calculus I introduces students to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching of graphs of functions, definite and indefinite integrals, and calculation of area. Emphasis on student interaction in groups, including team approach to solving calculus based problems.

MATH 140+	section 0423	MWF 2:00 - 2:50 TuTh 12:30 - 1:50	4 credits

CLUSTER 22

Computer Science and Math

(open to majors only)

CLUS022 section 0022 index 09604

Introduction to C Programming meets for three hours of lecture and two hours lab per week. Students will study the design and analysis of programs in C and be introduced to computing using structured programming concepts. Prerequisite: MATH 110.

CMSC 106+	section 0302	MWF 10:00-10:50 MW 4:00 - 4:50	4 credits

Precalculus is a course in mathematics for students in engineering and other technical disciplines. Topics are elementary functions and graphs: polynomials, rational functions, exponential and logarithmic functions, and trigonometric functions. Algebraic techniques preparatory for calculus.

MATH 115+	section 0732	MWF 1:00 - 1:50 Th 11:00 - 12:15	3 credits

CLUSTER 23

Physics, Physical Science and Astronomy

(open to majors only)

CLUS023 section 0023 index 09605

Professional Physics Seminar provides a look at some of the major developments of current interest in physics research and discusses the activities physicists undertake in research, education, industry, government and other areas of the economy.

PHYS 170+	section 0101	W 12:00-12:50	1 credit

Calculus I introduces students to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching of graphs of functions, definite and indefinite integrals, and calculation of area. Emphasis on students interaction in groups, including team approach to solving calculus based problems.

MATH 140+	section 0422	MWF 2:00 - 2:50 TuTh 12:30 - 1:50	4 credits

CLUSTER 24

Physics, Physical Science and Astronomy

(open to majors only)

CLUS024 section 0024 index 09606

Professional Physics Seminar provides a look at some of the major developments of current interest in physics research and discusses the activities physicists undertake in research, education, industry, government and other areas of the economy.

PHYS 170+	section 0102	W 12:00-12:50	1 credit

Precalculus is a course in mathematics for students in engineering and other technical disciplines. Topics are elementary functions and graphs: polynomials, rational functions, exponential and logarithmic functions, and trigonometric functions. Algebraic techniques preparatory for calculus.

MATH 115+	section 0731	MWF 1:00 - 1:50 Th 11:00 - 12:15	3 credits

College Career and Advancement: The Student and the University is a one credit course that provided the knowledge and skills students need to enhance college as a learning experience.

EDCP 108O	section 0403	Th 2:00 - 4:00	1 credit

26 CORE

CORE *Program*

Office of the Dean for Undergraduate Studies
2130 Mitchell Building
301-405-9359

Check **CORE Online** for CORE course lists and information at:
http://www.inform.umd.edu/GenEd

The CORE Liberal Arts and Sciences Studies Program (CORE) is the University of Maryland's set of general education requirements that all undergraduates must complete in addition to their major, department, and college requirements. The CORE requirements are outlined below, followed by the approved CORE course list (current as of July 1997). Please note that this is a comprehensive list; a selection of these courses are offered during Fall 1997.

These are some additional resources available to help you select courses each semester and plan for completing CORE requirements:

- **CORE Online at: http://www.inform.umd.edu/GenEd** provides many links to additional information and resources.
- **CORE 101 - A Student Guide to the CORE Program** and the **CORE Academic Record Keeper** are available at your advising office during and after Orientation and at The Office of Undergraduate Studies, 2130 Mitchell Building.
- **Undergraduate Catalog**

NOTES:

- Starting with the next edition of the Schedule of Classes (Spring 1998, Edition I), CORE pages will list only the approved courses that are being offered for the Spring 1998 semester. Students may use this list to see what CORE courses are available when planning their schedule for the Spring 1998 semester. The comprehensive list of approved CORE courses will still be readily available to students and advisors through CORE Online and a comprehensive list of CORE courses (to be available, at the same time as the Spring 1998 Schedule, at advising offices, at the Office of Undergraduate Studies, and at other pick-up sites for the Schedule of Classes). Beginning with the 1998-99 edition, the Undergraduate Catalog will also carry the comprehensive list.
- If you earned 9 or more credits before May, 1990 that will count toward your undergraduate degree from the University of Maryland, you may need information about earlier general education programs. Please refer to the Undergraduate Catalog or CORE Online.

COURSES USED TO FULFILL CORE REQUIREMENTS:

MUST be selected from the approved CORE course list.
MAY also be used to satisfy college, major, and/or supporting area requirements if the courses also appear on CORE Fundamental or Distributive Studies lists.
MAY NOT be taken on a Pass-Fail basis.

CORE FUNDAMENTAL STUDIES 3 COURSES

1. ONE COURSE IN INTRODUCTION TO WRITING

[Must be attempted within first thirty credits and passed within first 60.]

Approved CORE Introduction to Writing Courses:

ENGL 101	**Introduction to Writing**
ENGL 101A	**Introduction to Writing** (Students must take ENGL 101A rather than ENGL 101 if their TSWE score [a subscore of the SAT verbal] is 33 or below.
ENGL 101H	**Introduction to Writing** (Honors Students)
ENGL 101X	**Introduction to Writing** (Students for whom English is a second language may register for ENGL 101X instead of ENGL 101. To register for ENGL 101X, a student must present one of the following: **(1)** 550 or above on the TOEFL, **OR** **(2)** 220 or above on the Comprehensive English Language Test (CELT) administered at the College Park campus by the Maryland English Institute (MEI), **OR** **(3)** successful completion of the MEI's semi-intensive course in English.

Note: Based on TOEFL or CELT scores, students may be required to complete English language instruction for non-native speakers through the MEI before being allowed to register for ENGL 101X.)

Exemptions from Introduction to Writing:

* AP English Language and Composition Exam, score of 4 or 5, **OR**
* SAT verbal score 670 or above (In April 1995, the Educational Testing Service recentered the scores on the SAT. If taken before April 1995, one must receive a score of 600 or above to be exempt from Freshman Writing. This recentering does not reflect a raising of the requirement for exemption, but a change in the scoring system which the ETS uses.)

2. ONE COURSE IN MATHEMATICS

(Must be attempted within first thirty credits and passed within first 60.)

Approved CORE Fundamental Studies Mathematics Courses:

MATH 110	**Elementary Mathematical Models**, or
MATH 113	**College Algebra with Applications**
MATH 115	**Pre-calculus**, or
	Any 100 or 200 level MATH or STAT course except MATH 210 and MATH 211

Exemptions from Mathematics:

* SAT Math score 600 or above; **OR**
* College Board Achievement Test in Mathematics, Level I or II, score of 600 or above; **OR**
* AP score of 3 or above in Calculus AB or BC; **OR**
* Any CLEP Subject Examination in Mathematics score 60 or above.

3. ONE COURSE IN PROFESSIONAL WRITING

(after 56 credits).

Approved CORE Professional Writing Courses:

(select the appropriate course based on requirements or interests)

ENGL 391	**Advanced Composition**
ENGL 391H	Advanced Composition (Honors Students)
ENGL 391X	**Advanced Composition** (English as a Second Language [ESL])
ENGL 392	**Advanced Composition** (pre-law)
ENGL 393	**Technical Writing**
ENGL 393H	Technical Writing (Honors students)
ENGL 393X	**Technical Writing** (ESL)
ENGL 394	**Business Writing**
ENGL 395	**Technical Writing** (pre-med and health careers)

Exemption from Professional Writing:

**Grade of "A" in ENGL 101 (NOT ENGL 101A or ENGL 101X), except for students majoring in Engineering. All engineering students must take ENGL393.*
NOTE: No exemption from the Professional Writing requirement will be granted for achievement on SAT verbal exam. Professional Writing courses cannot be used to fulfill Advanced Studies requirements.

CORE DISTRIBUTIVE STUDIES 9 COURSES

1. THREE COURSES IN HUMANITIES AND THE ARTS

* One course from **Literature** list, and
* One course from **History or Theory of the Arts** list, and
* One more course from **Literature**, **OR History or Theory of Arts**, **OR Humanities** lists

2. THREE COURSES IN MATHEMATICS AND SCIENCES

* Up to two courses from **Physical Sciences** list, and
* Up to two courses from **Life Sciences** list, and
* Up to one course from **Mathematics/Formal Reasoning** list

*Notes: One course **MUST** include or be accompanied by a lab taken in the same semester. More than one lab course may be taken. All three courses may be selected from the science lists.*

3. THREE COURSES IN SOCIAL SCIENCES AND HISTORY

* One course from **Social or Political History** list, and
* Two courses from **Behavioral and Social Sciences** list

CORE ADVANCED STUDIES 2 COURSES (6 CREDITS)

* Two upper-level (300-400 level) courses (outside major after 56 credits). Students may substitute a CORE-approved senior capstone course (in major after 86 credits), or a senior or honors thesis for ONE of the two required advanced studies courses.

The following may NOT be used to fulfill Advanced Studies requirements: *Professional Writing courses (courses that meet the CORE and USP Fundamental Studies upper-level writing requirement); courses used to meet Distributive Studies requirements; internships, practica, or other experiential-learning type of courses. If you have questions please call the Office of Undergraduate Studies at 405-9359.*

CORE HUMAN CULTURAL DIVERSITY 1 COURSE

Cultural Diversity courses focus primarily on: (a) the history, status, treatment, or accomplishment of women or minority groups and subcultures; (b) non-Western culture, or (c) concepts and implications of diversity.

Note: A number of CORE Cultural Diversity courses also satisfy CORE Distributive Studies requirements or a college, major, and/or supporting area requirement.

CORE Codes

The following CORE Codes appear in the headings of the course lists below and designate the CORE requirement(s) met by each course. These codes also appear in the individual course listings when they appear later in the Schedule, where they have the same meaning.

CORE Distributive Studies:

HL Humanities and the Arts - LITERATURE
HA Humanities and the Arts - HISTORY OR THEORY OF THE ARTS
HO Humanities and the Arts - HUMANITIES
PS Mathematics and the Sciences - PHYSICAL SCIENCES (NON-LAB)
LS Mathematics and the Scicnces - LIFE SCIENCES (NON-LAB)
MS Mathematics and the Sciences - MATHEMATICS OR FORMAL REASONING (NON-LAB)
PL Mathematics and the Sciences - PHYSICAL SCIENCES (LAB)
LL Mathematics and the Sciences - LIFE SCIENCES (LAB)
ML Mathematics and the Sciences - MATHEMATICS OR FORMAL REASONING (LAB)
SH Social Sciences - SOCIAL OR POLITICAL HISTORY
SB Social Sciences - BEHAVIORAL AND SOCIAL SCIENCE

CORE Advanced Studies
CS CAPSTONE

CORE Diversity:
D DIVERSITY

APPROVED CORE COURSE LIST

Not all approved courses are offered each semester. For courses scheduled to be offered in the current semester, check course listings. The list is correct as of press time; however, offerings are subject to change.

CORE FUNDAMENTAL STUDIES *3 courses*

*PLEASE REFER TO **CORE OUTLINE** FOR COURSE REQUIREMENTS AND EXEMPTIONS.*

CORE DISTRIBUTIVE STUDIES *9 courses*

1. *Students meeting CORE requirements must select courses from the CORE lists only.*
2. *Please consult the **Undergraduate Catalog** and the **CORE 101** for additional information on requirements, prerequisites, etc.*
3. *In the following CORE Distributive Studies list, courses noted "(D)" also meet the CORE Diversity Requirement.*

Humanities & the Arts - *3 courses*

CORE Literature: (CORE CODE: HL)

CHIN 213	Chinese Poetry into English: Intro. (D)
CLAS 100	Classical Foundations
CLAS 170	Greek and Roman Mythology
CLAS 270	Greek Literature in Transl'n
CLAS 271	Roman Literature in Transl'n
CMLT 235	Intro. to Lit. of the African Diaspora (also as ENGL 235) (D)
CMLT 270	Global Literature and Social Change (D)
CMLT 275	World Lit. by Women (also as WMST 275) (D)
CMLT 277	Literature of the Americas (D)
ENGL 201	Western World Lit.: Homer to the Renais.
ENGL 201H	Western World Lit.: Homer to the Renaissance (also as HONR 258Q)
ENGL 202	Western World Lit., Renaiss -Present
ENGL 202H	Western World Lit., Renaiss -Present (also as HONR 238C)
ENGL 205	Intro. to Shakespeare
ENGL 205H	Intro. to Shakespeare (also as HONR 258K)
ENGL 211	English Lit. from Beginnings to 1800
ENGL 212	English Lit. from 1800 to the Present
ENGL 221	American Lit.: Beginning to 1865
ENGL 222	American Lit.: 1865 to the Present
ENGL 234	Intro. to African-American Lit. (D)
ENGL 235	Intro. to the Lit. of the African Diaspora (also as CMLT 235) (D)
ENGL 240	Intro. to Fiction, Poetry and Drama
ENGL 241	Intro. to the Novel
ENGL 242	Intro. to Non-Fiction Prose
ENGL 243	Intro. to Poetry
ENGL 244	Intro. to Drama
ENGL 250	Intro. to Lit. by Women (also as WMST 255) (D)
ENGL 277	Mythologies: An Introduction
FREN 240	Masterworks of French Lit. in Transl'n
FREN 241	Women Writers of French Expres. in Transl'n (also as WMST 241) (D)
FREN 242	Black Writers of French Exp. in Transl'n (D)
FREN 250	Readings in French
GERM 281	Women in German Lit. and Society (also as WMST 281) (D)
GERM 282	Germanic Mythology
GERM 283	Viking Culture & Civilization (formerly GERM 383)
GERM 284	German Chivalric Culture (formerly GERM 384)
GERM 285	German Film and Literature
GERM 286	Ancient Indic Culture and Civilization (formerly GERM 371)
GERM 287	Ancient Celtic Culture and Civilization (formerly GERM 372)
HEBR 231	Jewish Literature in Transl'n
HONR 238B	Images of Masculinity in 20th Century American Literature and Film
HONR 238C	Western World Lit.: Renaissance to the Present (also as ENGL 202H)
HONR 238D	19th and 20th Century English Literature
HONR 238F	Reading Contemp.Poems by Themselves
HONR 238K	Nature and Place: A Course in Non-Fiction Prose
HONR 238V	Difference and Value in Literary Texts
HONR 238X	Literature in a Global Society
HONR 238Y	Shakespeare and Learning
HONR 238Z	Understanding the World through Reading

NOTE: Some CORE-approved Honors courses have the same course number and suffix as another CORE-approved Honors course. Both courses will not be offered in the same semester. The list is correct as of press time; however, offerings are subject to change. Not all approved courses are offered each semester. Check course listings. FOR MORE INFORMATION ABOUT CORE CONSULT: CORE Guide for Undergraduate Advisors available for review at the Hornbake Library Reserve Desk and in advising offices.
InforM online information system (access through student Workstations at Maryland [WAM] account.)

CORE 27

CORE Literature: (HL) cont'd

HONR 239F	Poetry of the Earth: Language, Nature, and Ecology
HONR 239G	African Literature (D)
HONR 239K	The Discovery of Personality in Literature
HONR 239N	The Black Experience in Amer. Drama (D)
HONR 258A	Untold Stories: Modern Women Writers Reimagining the Western Tradition (D)
HONR 258I	Reading the Bible: An Intro. to Critical Methods (also as JWST 164)
HONR 258J	Modern Jewish Experience through Literature (also as JWST 171) (D)
HONR 258K	Introduction to Shakespeare (also as ENGL 205H; formerly HONR 158K)
HONR 258Q	Western World Lit.: Homer to the Renaissance (also as ENGL 201H)
HONR 258T	Tools of Fiction: Lit. and/as Creative Writing
HONR 259F	Non-Fiction Prose: The Essay
HONR 259Q	Conformity, Rebellion, and Identity: A Literary Perspective
HONR 259S	The Body and Literature
ITAL 241	Modern Women Writers in Transl'n.
ITAL 251	Intro. to Italian Literature
JWST 164	Reading the Bible: An Intro. to Critical Methods (also as HONR 258I)
JWST 171	Modern Jewish Experience through Literature (also as HONR 258J) (D)
JWST 262	The Hebrew Bible: Narrative
JWST 263	The Hebrew Bible: Poetry and Rhetoric
RUSS 221	Masterworks of Russian Literature I
RUSS 222	Masterworks of Russian Literature II
SPAN 221	Introduction to Literature
SPAN 222	Cultural Differences in Contemp. Latin American Culture (D)
SPAN 224	Violence and Resistance in Americas (D)
WMST 241	Women Writers of French Expres. in Transl'n (also as FREN 241) (D)
WMST 255	Intro. to Lit. by Women (also as ENGL 250) (D)
WMST 275	World Lit. by Women (also as CMLT 275) (D)
WMST 281	Women in German Lit. and Society (also as GERM 281) (D)

CORE History or Theory of the Arts: (CORE CODE: HA)

AMST 205	Material Aspects of American Life
ARCH 170	Intro. to the Built Environment
ARCH 223	History of Non-Western Architecture (D)
ARTH 100	Intro. to Art
ARTH 200	Art of the Western World to 1300
ARTH 201	Art of the Western World after 1300
ARTH 275	Art of Africa (D)
ARTH 290	Art of Asia (D)
ARTT 150	Intro. to Art Theory
CMLT 214	Film, Form, and Culture
CMLT 280	Film Art in a Global Society (D)
DANC 200	Intro. to Dance (D)
ENGL 245	Film and the Narrative Tradition
HONR 238E	Art and Vision
HONR 2380	Poetry, Calligraphy, and Painting: Visual and Verbal Representation in China (D)
HONR 238R	Gender and Performance (D)
HONR 239B	Surrealism: Literature, Art, and Film
HONR 239C	The Creative Process in Dance
HONR 239E	Building Culture: An Introduction to Architecture as Phenomenon
HONR 239H	Playing with Plays
HONR 239J	The Persona of the Artist: Lonely Genius or Successful Entrepreneur?
HONR 239M	Art of Asia (also as ARTH 290)
HONR 258C	Silence and Art
HONR 258F	Gender & Space in Film: A Comp. View(D)
HONR 259D	Understanding the Japanese through the Performing Arts (D)
HONR 269S	Reading People and Places: Environmental Non-Verbal Communication
MUET 200	World Popular Music and Gender (D)
MUSC 130	Survey of Music Literature
MUSC 140	Music Fundamentals I
MUSC 210	The Impact of Music on Life (D)
THET 110	Introduction to the Theatre
THET 195	Gender and Performance (D)
THET 290	American Theatre 1750-1890
THET 291	American Theatre 1890-Present
UNIV 118A	Topics in Creativity: The Creative Drive
WMST 250	Intro. to Women's Studies: Women, Art and Culture (D)

CORE Humanities Courses: (CORE CODE: HO)

AASP 200	African Civilization
AMST 201	Intro. to American Studies
AMST 203	Popular Culture in America
AMST 204	Film and American Culture Studies
AMST 211	Technology and American Culture
EDPA 210	Hist. & Philos. Perspectives on Education
ENGL 282	Introduction to Rhetorical Theory
FREN 202	Honors Intermediate French (in French)
FREN 203	Intermediate French
FREN 204	Review Grammar and Composition
GERM 201	Intermediate German I
GERM 202	Intermediate German II
GERM 280	German-American Cultural Contrast
HEBR 298J	Authority, Faith, and Reason in Judaism (also as PHIL 209J)
HIST 110	The Ancient World
HIST 112	The Rise of the West: 1500-1789
HONR 169Z	Knowledge & Its Human Consequences (This special interdisciplinary course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)
HONR 218A	In Search of Ancient Astronomies (D)
HONR 218B	Individual Rights from Cicero to Rand
HONR 218C	Western Intellectual Heritage: Hero & Society
HONR 218L	Language and Mind
HONR 238A	The World of the Dead Sea Scrolls (also as JWST 128A)
HONR 238G	Thanatos - The Many Meanings of Death
HONR 238L	The Mind and Language
HONR 238M	Shadow Play: An Intro. to Film Studies
HONR 238S	Music and Ritual
HONR 238T	Censorship and the Writer: Literary Ethics in 18th and l9th Century Modern Europe
HONR 238U	The Spiritual Heritage of the Human Race
HONR 239A	Sexuality & Lit.: Oscar Wilde's Text & Context
HONR 239I	Buddhism: Pers. & SocialTransform. (D)
HONR 239L	Women of Africa/Diaspora (D)
HONR 239O	Rebuilding Eden: Utopian Communities as Blueprints for the Good Life
HONR 248A	The Passion of the Educated Mind
HONR 249N	The Ups and Downs of Human Flight
HONR 249V	Lawyers and the Adversary System
HONR 258E	Television Reality
HONR 258R	Plato's Republic (also as PHIL 110)
HONR 268E	Gods, Demons, and Mythology in the Ancient Near East and Egypt
HONR 268V	The Search for God and the Good
HORT 160	Intro. to Landscape Arch. (also as LARC 160)
ITAL 203	Intermediate Italian
ITAL 204	Review Grammar and Composition
JWST 128A	World of the Dead Sea Scrolls (also as HONR 238A)
JWST 250	Fund. Concepts of Judaism (also as PHIL 234)
KNES 262	Philosophy of Sport
LARC 160	Intro. to Landscape Arch.(also as HORT 160)
LATN 201	Intermediate Latin
LING 210	Structure of American Sign Language (D)
LING 240	Language and Mind
PHIL 100	Intro. to Philosophy
PHIL 101	The Structure of Knowledge
PHIL 102	Truth and Reality
PHIL 103	Self and Identity
PHIL 105	God and Cosmos
PHIL 110	Plato's Republic (also as HONR 258R)
PHIL 140	Contemporary Moral Issues
PHIL 201	Issues in the Philosophy of Life
PHIL 209E	Existentialism
PHIL 209J	Authority, Faith & Reason in Judaism (also as HEBR 289J)
PHIL 234	Fund. Concepts of Judaism (also as JWST 250)
PHIL 243	Philosophy of Rural Life
PHIL 245	Political and Social Philosophy I
PHIL 250	Philosophy of Science I
PHIL 256	Philosophy of Biology I
PORT 223	Portuguese Culture (in English)
PORT 224	Brazilian Culture (in English) (D)
PORT 234	Issues in Latin American Studies I (also as SPAN 234) (D)
PORT 235	Issues in Latin American Studies II (also as SPAN 235) (D)
RUSS 281	19th Century Russian Culture
RUSS 282	Contemporary Russian Culture (D)
SPAN 125	Span. Civil.: From Kingdoms to Nationalities
SPAN 201	Intermediate Spanish
SPAN 202	Intermediate Grammar and Composition
SPAN 223	U.S. Latino Culture (D)
SPAN 234	Issues in Latin American Studies I (also as PORT 234) (D)
SPAN 235	Issues in Latin American Studies II (also as PORT 235) (D)

CORE Math. & Sciences

3 courses

(At least one course MUST be from CORE Lab List.)

CORE Laboratory Courses

CORE Physical Sciences Laboratory: (CORE CODE: PL)

These courses must be taken WITH lab to earn CORE Math & Sciences credit (except for ASTR 100 which may be taken separately for Non-Lab credit).

ASTR 100/111	(See notes above.) Intro. to Astronomy & Observational Astronomy Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
ASTR 101	General Astronomy
CHEM 102	Chemistry of Our Environment
CHEM 103	General Chemistry I
CHEM 113	General Chemistry II
CHEM 121/122	Chemistry in the Modern World and Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
GEOG 201/211	Geog. of Environ. Sys. / Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
GEOL 100/110	Phys. Geol. / Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
GEOL 103	Water, Earth and Humans
GEOL 105	Geology of Maryland
GEOL 107	Natural Hazards
METO200/201	Weather and Climate and Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
PHYS 102/103	Phys. of Music/Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
PHYS 106/107	Light, Perception, Photography & Visual Phenomena/Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
PHYS 117	Intro. to Physics
PHYS 121	Fundamentals of Physics I
PHYS 122	Fundamentals of Physics II
PHYS 141	Principles of Physics
PHYS 142	Principles of Physics
PHYS 262	Gen. Phys.: Vibrations, Waves, Heat, Electricity, and Magnetism
PHYS 263	Gen. Phys.: Electrodynamics, Light, Relativity and Mod. Physics
PHYS 272/275	Intro. Physics: Vibration, Waves, Heat, Fluids, Optics, and Light/Experimental Physics I:Mechanics & Thermodynamics (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)

CORE Life Sciences Laboratory: (CORE CODE: LL)

AGRO 101	Intro. Crop Science
AGRO 202	Fundamentals of Soil Science (formerly 302)
ANSC 211	Anatomy of Domestic Animals
ANTH 220	Intro. to Biological Anthropology (D)
BIOL 101/102	Concepts of Biology/Lab in Biol. (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
BIOL 105	Principles of Biology I
BIOL 105M	Principles of Biology I
BIOL 106	Principles of Biology II
CHEM 104	Fund. of Organic and Biochemistry
ENTM 205	Principles of Entomology
HORT 100	Intro. to Horticulture
MICB 100	Microbes and Society
MICB 200	General Microbiology
PBIO 100/101	Plant Biology and Lab in Plant Biology (formerly BOTN 104/105) (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
ZOOL 201	Human Anatomy and Physiology I
ZOOL 210	Animal Diversity

CORE Math or Formal Reasoning Laboratory: (CORE CODE: ML)

NONE

CORE Non-Laboratory:

Only those courses that appear on the approved CORE non-lab lists may be counted as CORE non-lab courses.

CORE Physical Sciences Non-Laboratory: (CORE CODE: PS)

ASTR 100	Intro. to Astronomy (if taken Fall 1993 or after)
ASTR 200	Intro. Astronomy and Astrophysics
ASTR 220	Collisions in Space
CHEM 121	Chemistry in the Modern World
ENES 100	Introduction to Engineering Design
ENES 105	How Things Work - Basic Tech. Literacy
GEOG 123	Causes & Implications of Global Change (also as GEOL/METO/PBIO 123)
GEOG 140	Coastal Environments
GEOL 104	Dinosaurs: A Natural History
GEOL 120	Environmental Geology
GEOL 123	Causes & Implications of Global Change (also as GEOG/METO/PBIO 123)
GEOL 212	Planetary Geology
HONR 169Z	Knowledge & Its Human Consequences (This special interdisciplinary course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)
HONR 228E	Our Nuclear Society: From Chernobyl to PET Scans
HONR 228F	Managing Planet Earth
HONR 228L	Light, Optics, and Lasers
HONR 228Q	Nuclear Physics and Society
HONR 228R	From Crisis to Chaos
HONR 228U	The Space Environment and the Solar Terrestrial Connection
HONR 259C	Fearfully Great Lizards: Topics in Dinosaur Research
HONR 259M	The Science in Science Fiction
METO 123	Causes & Implications of Global Change (also as GEOG/GEOL/PBIO 123)
METO 200	Weather and Climate
PBIO 123	Causes & Implications of Global Change (also as GEOG/GEOL/METO 123) (formerly BOTN 123)
PHYS 101	Cont. Physics-Revolutions in Physics
PHYS 111	Physics in the Modern World
PHYS 112	Physics in the Modern World
PHYS 161	General Physics: Mechanics and Particle Dynamics
PHYS 171	Intro. Physics: Mechanics

CORE Life Sciences Non-Laboratory: (CORE CODE: LS)

AGRO 105	Soil and Environmental Quality
ENTM 100	Insects
HESP 108W	Left Brain, Right Brain (also as HONR 228W)
HONR 169Z	Knowledge & Its Human Consequences (This special interdisciplinary course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)
HONR 228G	Sea Monsters and Deep Sea Sharks
HONR 228I	Why and How to Conserve Biodiversity
HONR 228N	Environmental Physiology and the Chesapeake Bay
HONR 228T	Ethics in EnvironmentalScience
HONR 228W	Left Brain, Right Brain (also as HESP 108W)
HONR 229A	The Changing Chesapeake Bay: Past, Present, and Future
KNES 260	Science of Physical Activity & Cardiovascular Health
NFSC 100	Elements of Nutrition
PBIO 235	Environmental Science (formerly BOTN 211)
PBIO 255	Chesapeake: A Living Resource

CORE Math or Formal Reasoning Non-Laboratory: (CORE CODE: MS)

CMSC 150	Intro. to Discrete Structures
GEOG 170	Maps and Map Use
HONR 169Z	Knowledge & Its Human Consequences (This special interdisciplinary course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)
HONR 228A	Science and Pseudo-science: An Investigative Approach
HONR 228J	Selected Mathematical Classics
HONR 2280	Symmetry
HONR 228V	The Mathematics of Gambling
HONR 228Z	Mathematics, Truth, and Culture
HONR 258N	Phil. & Computers (also as PHIL 209P)
MATH 111	Intro. to Probability
MATH 140	Calculus I
MATH 141	Calculus II
MATH 220	Elementary Calculus I
MATH 221	Elementary Calculus II
MATH 240	Intro. to Linear Algebra
MATH 250	Analysis I (Honors)
MATH 251	Analysis II (Honors)
PHIL 209P	Phil. & Computers (also as HONR 258N)
PHIL 271	Symbolic Logic I
STAT 100	Elementary Statistics and Probability

CORE Social Sciences and History - *3 courses*

CORE Social or Political History: (CORE CODE: SH)

AASP 100	Intro. to Afro-American Studies (D)
AASP 109P	Urban Black America: Politics & Protest (D)
AASP 202	Black Culture in the United States (D)
AASP 298A	Sub-Saharan Africa since 1800 (also as HIST 123) (D)
AASP 298C	Pre-Colonial African Civilization (also as HIST 122) (D)
ENGL 260	Intro. to Folklore
HIST 106	Amer. Jewish Exper. (also as JWST 141)
HIST 111	The Medieval World
HIST 113	Modern Europe: 1789 - Present
HIST 120	Islamic Civilization (D)
HIST 122	African Civilizations to 1800 (also as AASP 298C) (D)
HIST 123	Sub-Saharan Africa since 1800 (also as AASP 298A) (D)
HIST 126	Jewish Civilization (also as JWST 121)
HIST 156	History of the U.S. to 1865
HIST 157	History of the U.S. since 1865
HIST 174	Intro. to the History of Science
HIST 175	Science & Tech. in Western Civilization
HIST 210	Women in America to 1880 (also as WMST 210) (D)
HIST 211	Women in America since 1880 (also as WMST 211) (D)
HIST 212	Women in Western Europe, 1750-Present (also as WMST 212) (D)
HIST 219C	US-East Asian Cultural Relations (D)
HIST 234	History of Britain to 1485
HIST 235	History of Britain 1461-1714
HIST 236	History of Britain 1688 to Present
HIST 237	Russian Civilization (D)
HIST 250	Latin-American History I (D)
HIST 251	Latin-American History II (D)
HIST 260	The North Atlantic World 1550-1800 (D)
HIST 275	Law & Constitutionalism in American Hist.
HIST 281	Intro. to the Rabbinic Movement (also as JWST 230) (D)
HIST 282	History of the Jewish People I (also as JWST 234) (D)
HIST 283	History of the Jewish People II (also as JWST 235) (D)
HIST 285	East Asian Civilization II
HONR 248B	The Dynamics of Jewish Survival
HONR 248F	America's Families: Past to Present
HONR 248G	Social and Group Violence in America
HONR 248I	Uses of Education
HONR 248K	Anatomy of Two Cold Wars
HONR 2480	The Military & the Media in Amer. History
HONR 248R	Critical Issues in the African-American Experience in the Americas (D)
HONR 248T	Oral Memoir and Autobiography: The Invention of Self
HONR 248W	America in the1960's
HONR 248Y	The Legacy of Thomas Jefferson
HONR 249G	Liberalism in Europe & U.S, 1770-Present
HONR 249S	The U.S. in Vietnam: A Crossroads in American Society
HONR 249W	Corn Mothers and Captain Cook: Historical Anthropology of New World (D)
HONR 249X	Comp. Grand Strategy & Military Doctrine
HONR 258V	American Attitudes Toward War
HONR 259K	From a City on the Hill to NATO on the Plain: The Rise & Fall of American Isolationism
HONR 268B	How the West was Won and Lost: The Legacy of Conquest on the American Frontier
HONR 268N	The First Amendment on the Line: Religion and the Public Schools
HONR 269A	The History of Crime: Criminal Justice in Modern Europe
JWST 121	Jewish Civilization (also as HIST 126)
JWST 141	Amer. Jewish Exper. (also as HIST 106)
JWST 230	Intro. to the Rabbinic Movement (also as HIST 281) (D)
JWST 234	History of the Jewish People I (also as HIST 282) (D)
JWST 235	History of the Jewish People II (also as HIST 283) (D)
KNES 293	History of Sport in America
WMST 210	Women in America to 1880 (also as HIST 210) (D)
WMST 211	Women in America since 1880 (also as HIST 211) (D)
WMST 212	Women in Western Europe, 1750-Present (also as HIST 212) (D)

CORE Behavioral and Social Science: (CORE CODE: SB)

AASP 101	Public Policy and the Black Community
AMST 207	Contemporary American Cultures
ANTH 240	Introduction to Archaeology (D)
ANTH 260	Intro. to Sociocultural Anthro. & Linguistics (D)
ANTH 262	Culture and Environment (D)
AREC 240	Intro. to Economics and the Environment
AREC 250	Elements of Agri. & Resource Economics
CCJS 100	Intro. to Criminal Justice
CCJS 105	Intro. to Criminology
CPSP 123	Issues in Environmental Studies
CPSP 124	Issues in International Studies
CPSP 126	Issues in Public Leadership
ECON 105	Economics of Social Problems
ECON 201	Principles of Economics I
ECON 203	Principles of Economics II
EDHD 230	Human Develop. & Societal Institutions(D)
GEOG 100	Intro. to Geography
GEOG 130	Developing Countries (D)
GEOG 150	World Cities
GEOG 202	The World in Cultural Perspective
GVPT 100	Principles of Government and Politics
GVPT 170	American Government
GVPT 200	International Political Relations
GVPT 250	Intro. to International Negotiation (D)
HESP 120	Intro. to Linguistics
HONR 169Z	Knowledge & Its Human Consequences (This special interdisciplinary course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)
HONR 248C	Changing Worlds: Economic, Political, & Social Devel. in the Former Soviet Bloc
HONR 248H	Deviance and Disability in Context
HONR 248J	Religion and Culture
HONR 248L	Conflict, Cooperation, and Strategy
HONR 248M	The Idea of City Planning
HONR 248N	Religion in America
HONR 248Q	Responsibility & Irresponsibility and the News Media
HONR 248S	The Death Penalty in America
HONR 248U	World-wide Implications of Infectious Diseases
HONR 248V	Society and the Criminal Justice System

28 CORE

CORE Behavioral and Social Science: (SB) cont'd

HONR 248X	Applied Behavior Analysis
HONR 249C	Economic Development, Population, and the Environment
HONR 249E	Perception and Knowledge
HONR 249F	The Changing City
HONR 249H	History & Theories of Psychology (also as PSYC 108H)
HONR 249I	The Examined Life
HONR 249J	Economics and the Environment
HONR 249K	Leadership and Teamwork
HONR 249M	Cognitive Development and Learning
HONR 249P	Human Societies
HONR 249Q	The Cultural Origins of Modern Individualism
HONR 249R	Global Environmental Change
HONR 249T	Psyc. of Work in Film (also as PSYC 109D)
HONR 249U	Peacekeeping in the Post-Cold War World (also as SOCY 109H)
HONR 249Y	Social and Political Movements
HONR 249Z	Constitutional Faith
HONR 258Y	Economic Well-Being
JOUR 100	Intro. to Mass Communication
LING 200	Intro. Linguistics
PHIL 280	Intro. to Cognitive Science
PSYC 100	Intro. to Psychology
PSYC 108H	History & Theories of Psychology (also as HONR 249H)
PSYC 109D	Psyc. of Work in Film (also as HONR 249T)
SOCY 100	Intro. to Sociology
SOCY 105	Intro. to Contemp. Social Problems
SOCY 109H	Peacekeeping in the Post-Cold War World (also as HONR 249U)
SOCY 227	Intro. to the Study of Deviance
URSP 100	Intro. to Urban Studies and Planning
WMST 200	Intro. to Women's Studies: Women & Society (D)

CORE ADVANCED STUDIES - *2 courses* (6 credits)

New Advanced Studies requirements went into effect beginning August 1994. Please read carefully.

1. Students completing double majors or double degrees will have fulfilled the campus Advanced Studies requirement, unless their primary major or college has additional requirements.
2. All CORE and USP students are now under the **same** two-course Advanced Studies requirement.
3. The old Advanced Studies categories and lists are gone (except for the CORE Capstone list). Advanced Studies courses may now be selected from a much broader range of course offerings.
4. You must successfully complete at least two upper-level (300-400 level) courses (six credits) **outside** your major and after **56** credits.
5. You may substitute a CORE-approved Capstone course (taken **within** the major after 86 credits) or a senior or honors thesis for **one** of the two required courses (three credits).
6. Courses may **not** be taken on a pass-fail basis.
7. **The following may NOT be used to fulfill Advanced Studies requirements:** Professional Writing courses (courses that meet the CORE and USP Fundamental Studies upper-level writing requirement); courses used to meet Distributive Studies requirements; internships, practica, or other experiential-learning type of courses. If you have questions about the new requirements, please call the Office of Undergraduate Studies at 405-9359.

GOOD PLANNING: The new Advanced Studies requirement allows you to choose your CORE Advanced Studies courses from almost the full range of upper-level offerings outside your major, with the few exceptions noted above. To get the most out of your choices, consult with faculty and contact your advisor for assistance in planning.

TO HELP YOU CHOOSE YOUR COURSES: A list of upper-level courses that departments recommend as being especially worthwhile for non-majors has been sent to all advisors. It is also available for review at the reserve desk at Hornbake Library, at the Office of Undergraduate Studies, 2130 Mitchell Building, and on InforM. The list includes brief descriptions of the courses. This list is intended as a resource to help you identify upper-level courses outside your major that may interest you. You may also select many other courses, as explained above.

If you have questions about the new Advanced Studies requirements, please call Undergraduate Studies at 405-9359 for assistance.

CORE Capstone (CORE CODE: CS)

(taken within the major after reaching 86 credits) CORE Capstone is intended as an additional option under Advanced Studies for **both** CORE and USP students. You may substitute a CORE-approved Capstone course (taken within your major after 86 credits) or a senior or honors thesis for one of the two required Advanced Studies courses (three credits).

BCHM 399	Undergraduate Research in Biochemistry (MUST BE TAKEN FOR AT LEAST 3 CREDITS)
BCHM 465	Biochemistry III
BMGT 457	Marketing Policies and Strategies
BMGT 495	Business Policies
CHEM 399	Intro. to Chemical Research (MUST BE TAKEN FOR AT LEAST 3 CREDITS)
CHEM 491	Advanced Organic Chemistry Laboratory
CHEM 492	Advanced Inorganic Chemistry Lab.
CMSC 412	Operating Systems
CMSC 424	Database Design
CMSC 435	Software Engineering
DANC 485	Seminar in Dance
ENAE 482	Aeronautical Systems Design
ENAE 484	Space Systems Design
ENBE 485	Capstone Design
ENCE 466	Design of Civil Engineering Systems
ENCH 446	Process Engineering Econ. and Design II
ENME 404	Mechanical Engineering Systems Design
ENME 472	Integrated Product and Process Development II
GEOL 394	Research Problems in Geology
HIST 309	Proseminar in Historical Writing
HIST 396	Honor's Colloquium II
KNES 497	Independent Studies Seminar
LARC 471	Project in Landscape Architecture II
NFSC 422	Food Product Research & Development
NFSC 491	Issues and Problems in Dietetics
NFSC 495	Nutrition Research
NRMT 470	Natural Resources Management
PHYS 428	Physics Capstone Research
ZOOL 413	Biophysics

CORE HUMAN CULTURAL DIVERSITY - *1 course*

1. Students must earn credit for <u>one</u> Diversity course from the following list and may do so **at any time** before graduation. Generally, upper level (300 or higher) Diversity courses should not be attempted before earning 56 credits (junior standing). Lower and upper level courses are listed separately below.
2. In the following CORE Diversity list, courses noted*. also meet CORE Distributive Studies requirements. Diversity courses that are also approved for CORE Distributive Studies may be double counted.

CORE Diversity Courses Recommended for Freshmen and Sophomores: (CORE CODE: D)

AASP 100	Intro. to Afro-American Studies*
AASP 109P	Urban Black America: Politics and Protest*
AASP 202	Black Culture in the United States*
AASP 298A	African Civilizations since 1800* (also as HIST 123)
AASP 298B	Black and Asian Relations
AASP 298C	Pre-Colonial African Civilization* (also as HIST 122)
AMST 207	Contemporary American Culture*
AMST 212	Diversity in American Culture
AMST 298C	Asian American Experience (also as HONR 218G)
ANTH 220	Introduction to Biological Anthropology*
ANTH 240	Introduction to Archaeology*
ANTH 260	Intro. to Sociocultural Anthro. & Linguistics*
ANTH 262	Culture and Environment*
ARCH 223	History of Non-Western Architecture*
ARTH 275	Art of Africa*
ARTH 290	Art of Asia* (also as HONR 239M)
CHIN 213	Chinese Poetry into English: An Intro.*
CMLT 235	Intro. to Lit. of the African Diaspora* (also as ENGL 235)
CMLT 270	Global Lit. & Social Change*
CMLT 275	World Lit. by Women* (also as WMST 275)
CMLT 277	Lit. of the Americas*
CMLT 280	Film Art in a Global Society*
DANC 138	Intro. to Ethnic Dance (2 credits)
DANC 200	Introduction to Dance*
EDHD 230	Human Development and Societal Institutions*
ENGL 234	Intro. to African-American Literature*
ENGL 235	Intro. to Lit. of the African Diaspora* (also CMLT 235)
ENGL 250	Intro. to Lit. by Women* (also as WMST 255)
FREN 241	Women Writers of French Expression in Transl'n* (also as WMST 241)
FREN 242	Black Writers of French Expression in Transl'n*
GEOG 130	Developing Countries*
GERM 281	Women in German Lit. & Society* (also as WMST 281)
GVPT 250	Intro. to International Negotiation* (formerly GVPT 288A)
HIST 120	Islamic Civilization*
HIST 122	African Civilizations to 1800* (also as AASP 298C)
HIST 123	African Civilizations since 1800* (also as AASP 298A)
HIST 209A	Cross-Cultural Questions: Religious Fundamentalism in Twentieth Century United States and Middle East
HIST 210	Women in America to 1880* (also as WMST 210)
HIST 211	Women in America since 1880* (also as WMST 211)
HIST 212	Women in Western Europe, 1750-Present* (also as WMST 212)
HIST 219C	US-East Asian Cultural Relations*
HIST 237	Russian Civilization*
HIST 250	Latin-American History I*
HIST 251	Latin-American History II*
HIST 255	African-American History
HIST 260	The North Atlantic World: 1550-1800*
HIST 281	Intro. to the Rabbinic Movement* (also as JWST 230)
HONR 238R	Gender and Performance* (also as THET 195)
HONR 238X	Literature in a Global Society*
HONR 239G	African Literature*
HONR 239I	Buddhism: Personal and Social Transformations*
HONR 239L	Women of Africa/Diaspora*
HONR 239M	Art of Asia* (also as ARTH 290)
HONR 239N	The Black Experience in American Drama*
HONR 248D	International Perspectives in Education (also as EDUC 109)
HONR 248R	Critical Issues in the African-American Experience in the Americas*
HONR 249W	Corn Mothers and Captain Cook: Historical Anthropology of New World*
HONR 258A	Untold Stories: Women Writers Reimagining the Western Tradition*
HONR 258F	Gender and Space in Film: A Comparative View*
HONR 258J	Modern Jewish Experience through Literature* (also as JWST 171)
HONR 258W	Exploring Homophobia: Demystifying Lesbian and Gay Issues
JWST 171	Modern Jewish Experience through Literature* (also as HONR 258J)
JWST 230	Intro. to the Rabbinic Movement* (also as HIST 281)
JWST 234	History of the Jewish People I* (also as HIST 282)
JWST 235	History of the Jewish People II* (also as HIST 283)
KNES 240	Exploring Cultural Diversity through Movement
LING 210	Structure of American Sign Language*
MUET 200	World Popular Music and Gender*
MUSC 210	The Impact of Music on Life*
PORT 224	Brazilian Culture (in English)*
PORT 225	The Cultures of Portuguese-Speaking Africa
PORT 234	Issues in Latin American Studies I*
PORT 235	Issues in Latin American Studies II*
RUSS 282	Contemporary Russian Culture
SOCY 241	Inequality in American Society
SPAN 222	Cultural Difference in Contemp. Latin American Culture*
SPAN 223	U.S. Latino Culture*
SPAN 224	Violence & Resistance in the Americas*
SPAN 234	Issues in Latin American Studies I*
SPAN 235	Issues in Latin American Studies II*
THET 195	Gender & Performance* (also as HONR 238R)
WMST 200	Intro. to Women's Studies: Women & Society*
WMST 210	Women in America to 1880* (also as HIST 210)
WMST 211	Women in America since 1880* (also as HIST 211)
WMST 212	Women in Western Europe, 1750-Present* (also as HIST 212)
WMST 241	Women Writers of French Expression in Transl'n* (also as FREN 241)
WMST 250	Intro. to Women's Studies: Women, Art, & Culture*
WMST 255	Intro. to Lit. by Women* (also as ENGL 250)
WMST 275	World Lit. by Women* (also as CMLT 275)
WMST 281	Women in German Lit. & Society (also as GERM 281)

CORE Diversity Courses Recommended for Juniors and Seniors: (CORE CODE: D)

AASP 312	Social and Cultural Effects of Colonization and Racism
AASP 441	Science, Technology, and the Black Community
AASP 443	Blacks and the Law
AASP 499R	Race and Gender: Political Theory, Economics, the Law, and Popular Culture
AGRO 303	International Crop Production
AGRO 440	Crops, Soils, and Civilization
AMST 418J	Cultural Themes in America: Women and Family in American Culture
AMST 418K	Cultural Themes in America: Race in America: Theory and Policy
ANTH 362	Diversity in Complex Societies
AREC 365	World Hunger, Population, and Food Supplies
AREC 445	Agri.Development in the Third World
ARTH 390	Art of China
ARTH 395	Art of Japan
ARTH 475	Ancient Art of Africa
ARTH 476	Living Art of Africa
ARTH 490	Chinese Painting
ARTH 495	Japanese Painting
ARTT 463	Prin. & Theory: African-American Art
CCJS 498A	Special Topics in Criminology and Criminal Justice: Women and Crime
CHIN 313	Chinese Poetry and Prose in Translation
CHIN 315	Modern Chinese Literature in Transl'n
CLAS 320	Women in Classical Antiquity (also as WMST 320)
EALL 300	The Languages of East Asia
ECON 375	Economics of Poverty and Discrimination
EDCP 420	Education and Racism
ENGL 348_	Literary Works by Women: (Topic will vary) (also as WMST 348_)
ENGL 360	African, Indian, and Caribbean Writers
ENGL 362	Caribbean Literature in English
ENGL 368_	Special Topics in the Lit. of Africa and the African Diaspora (Topic will vary)
FMST 381	Poverty, Affluence, and Families
FMST 430	Gender Issues in Families (also as WMST 430)
FREN 482	Gender and Ethnicity in Modern French Literature
FREN 485	Ideologies and Relations Between the Sexes in French Literature
FREN 499B	Literature of Francophone
GEOG 323	Latin America
GEOG 326	Africa
GEOG 416	Overseas European Colonization and the Third World
GERM 349M	Germanic Lit. in Transl'n: Masterworks of Yiddish Literature (also as JWST 375)
GVPT 447	Islamic Political Philosophy
GVPT 471	Women and Politics
HIST 314A	Crisis and Change in the Middle East and Africa: Nationalism and Nation-Building in the Middle East
HIST 316A	Crisis and Change in Latin America: Slavery and Race Relations in Latin America
HIST 461	Blacks in American Life: 1865 to Present
HIST 473	History of the Caribbean
HIST 474	History of Mexico and Central America I
HIST 475	History of Mexico and Central America II
HIST 491	History of the Ottoman Empire
HIST 493	Victorian Woman in England, France and the United States (formerly HIST 458A)
HIST 494	Women in Africa
HIST 495	Women in Medieval Culture and Society (formerly HIST 458C)
HIST 496	Africa Since Independence
HLTH 471	Women's Health (also as WMST 471)
HONR 348D	Women in the Military (also as SOCY 498C)
HONR 348F	Women and the Media
HONR 378V	Gender and Scientific Knowledge
JOUR 452	Women in the Media (also as WMST452)
JOUR 453	News Coverage of Racial Issues
JWST 375	Germanic Lit. in Transl'n: Masterworks of Yiddish Literature (also as GERM 349M)
KNES 492	History of the American Sportswoman in Amer. Organizations (also as WMST 492)
MUSC 320	Epic as Song and Saga: Cross-Cultural Perspectives
MUSC 432	Music in World Cultures I
MUSC 433	Music in World Cultures II
PHIL 407	Gay and Lesbian Philosophy (formerly PHIL 408I)
PORT 322	Survey of African Lit. of Portuguese Expression (in Portuguese)
PORT 378_	Brazilian Cinema (Topic will vary)
PORT 476	Africa in Brazil
PORT 478C	Women as Authors and Characters in Brazilian Literature (D)
PSYC 354	Cross-Cultural Psychology
SOCY 325	Sociology of Gender (also as WMST 325)
SOCY 498C	Women in the Military (also as HONR 348D)
SPCH 324	Communication and Gender
SPCH 360	The Rhetoric of Black America
SPCH 469A	Discourse of Social Movements: Civil Rights
SPCH 469B	Rhetoric of the Abolitionist and Suffrage Movement
SPCH 482	Intercultural Communication
THET 390	Clothing and Culture
THET 496	African American Woman Filmmakers (also as WMST 496)
THET 497	Non-Traditional Theatre
URSP 372	Diversity and The City
URSP 465	Comparative Urban Life and Change
WMST 313	Women & Science (also as ZOOL 313)
WMST 320	Women in Classical Antiquity (also as CLAS 320)
WMST 325	Sociology of Gender (also as SOCY 325)
WMST 348_	Literary Works by Women (Topic will vary) (also as ENGL 348_)
WMST 430	Gender Issues in Families (also as FMST 430)
WMST 452	Women in the Media (also as JOUR 452)
WMST 471	Women's Health (also as HLTH 471)
WMST 492	History of the American Sportswoman in Amer.Organizations (also as KNES 492)
WMST 496	African American Woman Filmmakers (also as THET 496)
ZOOL 313	Women & Science (also as WMST 313)

CORE COURSES APPROVED FOR FALL 1997 ONLY

The space below will be used to include new, experimental, and one-time offerings which are approved for CORE for the current semester only. Codes in parentheses indicate the approved CORE category for each course (see CORE Codes key on page 26).

AASP 298A	Art and Archaeology of Africa (also as ARTH 275) (HA/D)
AASP 298G	Introduction to the Literatures of the African Diaspora (also as CMLT 235) (HL/D)
AASP 298L	Introduction to African American Literature (also as ENGL 234) (HL/D)
AASP 398C	West African Social History (CS)
AASP 478R	African, Indian and Caribbean Writers (D)
AGRI 401	Agricultural Support Systems in Developing Countries (D)
ANTH 298C	Contemporary American Cultures (also as AMST 207) (SB/D)
ARHU 100H	Imagining the Revolution: Liberty, Equality, and the Legacy of 1789 (HL)
ARHU 208H	Vermeer and Dutch Genre Traditions (HA)
ASTR 120	Introductory Astrophysics - Solar System (PS)
GEMS 201	Technological Innovation: A Sociological Perspective (SB)
HIST 219I	The Jew and the City (also as JSWT 219D/ HONR 278R) (SH/D)
HONR268R	The Cultural Significance of Astronomy (HO)
HONR 268W	Re-telling the Tale (HL)
HONR 268Z	Faces in the Mirror: Culture of the Mask (HO)
HONR 278A	American Court Cases and American Society (SH)
HONR 278C	Style: What It is and How to Get It (HL)
HONR 278D	Women and Religion (SB/D)
HONR 278E	Our Environment: What Does Science Have to Do With It? (LS)
HONR 278F	"What's Funny?": Humor, Philosophy, and the Meaning of Life (HO)
HONR 278G	Healing Women: From Adolescence to Adulthood (SB/D)
HONR 278H	War, Taxes, and Health Care: Public Policy and the Political Process (SB)
HONR 278I	The Other on the "Other": American Women's Roles in Creating Ideas of Sexuality, Race, and Colonization (HL/D)
HONR 278J	Women and War: 1940-2040 (SB/D)
HONR 278L	Big Buildings, Tall Buildings of the Modern Era (HA)
HONR 278N	Controversies in Nutrition: Science, Nonscience and Nonsense (LS)
HONR 278O	Renaissance Sculpture and the Image of Man: The Birth of Western Tradition (HA)
HONR 278P	Biology in a Cultural Context (LS/D)
HONR 278Q	Evolutionary Game Theory in Biology and Elsewhere (MS)
HONR 278R	The Jew and the City (also JWST 219D/ HIST 219I) (SH/D)
JSWT 219D	The Jew and the City (also HIST 219I/ HONR 278R) (SH/D)
UNIV 138A	Topics in Technology and the Environment: To Stem the Flow--The Nile, Technology, Politics, and the Environment (Students may count this course in ONE of three areas: SH, PS, or LS. The course counts only as one course toward CORE and may be used to fulfill only one CORE course requirement in only one of the three allowable areas.)

WHAT'S NEW...29

Academy of Leadership

BSOS 346 and 356 - INTERNSHIP IN POLITICAL INSTITUTIONS. Students in this course will explore thought-provoking ideas about the nature of leaders and the political process. Students relate their internship experiences to various leadership themes and theories such as leadership qualities, transforming leadership and ethical leadership. Past internship sites have included the Maryland House of Delegates, the Governor's Office, the White House, and Capitol Hill. Students interested in obtaining an internship should schedule an appointment with the Internship Coordinator at the Academy.

BSOS 359L - BLACK LEADERSHIP ORGANIZATIONS AND MOVEMENTS. ***NEW COURSE*** **-** This seminar examines the subject of Black political leadership. It focuses on the theory and practice of individuals and institutional political behavior in the context of community and national politics.

Agriculture and Natural Resources

AGRI 401- AGRICULTURAL SUPPORT SYSTEMS IN DEVELOPING COUNTRIES. Global forces are profoundly affecting agriculture, agricultural development, and the support systems that advance agriculture and its development. National and international agencies and organizations are being affected, as are the systems of agricultural education, extension and research.

AGRI 401 examines (1) the global forces that are bringing about contemporary changes in agricultural support systems, (2) the impact of these forces on the priorities and programs of international agencies and other institutional systems fostering agricultural development, and (3) the consequences and implications of these forces for agricultural schools, educational extension outreach, and agrotechnology research systems in developing countries. The course will also expose students to career possibilites in the international arena and in the institutional and programmatic areas of agricultural education, human resource development, extension and research.

Department of Animal and Avian Sciences

ANSC 489F - INTRODUCTION TO AQUACULTURE AND THE CULTURE AND PROPAGATION OF STRIPED BASS. The course will examine aquaculture as an alternative form of agriculture and will cover specific issues relating to the culture and propagation of the Maryland state fish - the striped bass.

Department of Astronomy

ASTR 100H - INTRODUCTION TO ASTRONOMY - HONORS VERSION - INTENDED FOR NON-SCIENCE MAJORS. Astronomy is the oldest science, but the grandeur and surprises of the Cosmos have always captured the imagination of non-scientists as well. In the late twentieth century, the pace of discoveries in astronomy has rapidly accelerated with technologically advanced new telescopes to see in gamma-ray, X-ray, ultraviolet, optical, microwave, and radio-frequency light, and powerful computers to aid theoretical understanding. In this course we will explore current understanding of the Universe beyond the Earth. The tour of the Universe begins in our near neighborhood (with the moon, sun, and planets), continues to our home Galaxy (with its stars and gaseous nebulae), and expands outward to include the instant galaxies and pervasive cosmic background radiation left by the Big Bang. From a qualitative point of view, we will describe theories for the physical processes governing the birth, life, and death of stars, the structure of galaxies, and the nature of cosmic exotica including white dwarfs, black holes, neutron stars, pulsars, and quasars.

ASTR 120 - INTRODUCTORY ASTROPHYSICS. This new course is designed for students who have a good high school background in science, who are very interested in astronomy, or who are considering astronomy as a major. Math 115 is a pre or corequisite. ASTR 120 begins with observations made by early astronomers and their attempts at explaining the motions in the sky. With the development of new instruments, astronomers began to understand heavenly motions in terms of the gravitational force. Today astronomers use telescopes both on the Earth and in space to collect and analyze light to reveal the nature of objects found in the universe. This course focuses on discoveries made for our solar system. Explore Jupiter's icy moon Europa, consider why Venus, Earth's twin, has a runaway greenhouse effect, examine the role that collisions have played in shaping the surfaces of the planets, and speculate on the possibility that Mars once supported life. Theories will be presented on how astronomers believe our solar system formed and the possibility of other planetary systems.

ASTR 220 - COLLISIONS IN SPACE. Approved as CORE non-lab physical science (Distributive Studies - Mathematics and the Sciences). Look at the Moon - craters everywhere! Remember the comet that struck Jupiter in July 1994. What are the chances that an asteroid or comet will strike Earth? Collisions close to home in our Solar System have been occurring for 4.6 billion years, sometimes with catastrophic effects. But do stars ever collide? What about galaxies? Collision in space between various bodies will offer students an introduction to astronomy that is more focused than our survey courses.

ASTR 300 - STARS AND STELLAR SYSTEMS. What are stars made of? How did they form and what will ultimately happen to them? Supernovae, black holes and other exotic phenomena. A course suitable for non-science majors.

ASTR 330 - SOLAR SYSTEM. Comets that crash into planets, odd moons circling strange planets—our local astronomical neighborhood—what's in it, how did it all come together and how did it get to its present state? A course suitable for non-science majors.

ASTR 340 - COSMOLOGY. What is the universe composed of, how did it start and what will happen to it? What have people thought of this in the past and what does modern astronomy have to say on this topic? A course suitable for non-science majors.

ASTR 380 - LIFE IN THE UNIVERSE. How did life get started on the Earth? What sorts of environments are best suited for the development of life? How would we communicate with life on other planets? Life in the universe from an astronomical perspective. A course suitable for non-science majors.

ASTR 450 - CELESTIAL MECHANICS. How do spacecraft navigate between the planets? How do Jupiter, Ganymede, and Callisto power the sulfur volcanos on Io? If the Moon's orbit were tilted by 90 degrees, what causes it to crash into Earth after 6.5 years? This course is suitable for upper level undergraduates who have taken PHYS 410.

Department of Entomology

ENTM 313 - BIODIVERSITY ISSUES IN CONSERVATION MANAGEMENT. This is a down-to-earth course that will examine how intensification of the human population and destruction of the natural environment are affecting biological diversity at the gene, species, and community levels. The students will be challenged to explore the consequences of diminished biodiversity and identify what can be done to prevent further loss. The course will incorporate a variety of teaching methods (lectures, slides, videos, discussions) and will use real-world case history examples in agriculture and other managed ecosystems to illustrate the importance of biodiversity and the consequences of its loss. The case history examples will emphasize both tropical and temperate environments.

Environmental Science and Policy Major

ENSP 101 - INTRODUCTION TO ENVIRONMENTAL SCIENCE (3 credits). Professor Joe Sullivan. The first semester of a two-part course sequence required for majors in the new interdisciplinary Environmental Science & Policy Program. The Program will enroll students in the Fall semester of 1997. ENSP 101, and the second part of the sequence, ENSP 102, Introduction to Environmental Policy, are unrestricted in academic year 1997-98, but may be restricted to majors in later years. ENSP 101 is an introduction to the physical and biological basis for the study of the environment. Emphasis will be on understanding the scientific method, and on an examination of the range of issues of environmental concern. Topics will be organized around major components of the biosphere, the physical and biological processes that take place within these components, and interactions among them. Specific issues will be chosen for more in-depth discussion, to help foster critical thinking.

Department of French and Italian

FREN 240 - LITERARY AND FILMIC PROJECTIONS OF PARIS IN TRANSLATION (3 credits, Fink). Introductory survey of French masterworks centered around the theme of *Paris.* FREN 240 Meets CORE Literature requirements. In English.

FREN 241 - WOMEN WRITERS OF FRENCH EXPRESSION IN TRANSLATION (3 credits, Hage). Readings of representative samples of works originally written in French by women writers. In English. Meets CORE Literature and Diversity requirements.

FREN 242 - BLACK WRITERS OF FRENCH EXPRESSION IN TRANSLATION (3 credits, Frindethie). In English. Meets the CORE Literature and Diversity requirements.

FREN 351 - SURVEY OF FRENCH LITERATURE FROM THE REVOLUTION TO THE PRESENT and
FREN 352 - SURVEY OF FRENCH LITERATURE FROM THE MIDDLE AGES TO THE FRENCH REVOLUTION have both been modified to include a unit on French culture. Both taught in French.

FREN 481 - FEMMES FATALES IN NARRATIVE, OPERA AND FILM (3 credits, Mossman). A study of the figure of the Femme Fatale and the artistic representations of violence. CORE Advanced Studies course. In English.

FREN 489M - DIMENSIONS AND PERSPECTIVES OF FRANCOPHONE AFRICAN AND CARIBBEAN CINEMA (3 credits, Frindethie). In English.

FREN 629/FREN 429/ITAL 421 - FROM KNIGHT TO HONNETE HOMME: THE EVOLUTION OF CIVILITY IN WESTERN EUROPE (3 credits). A team-taught course involving French and Italian literature and culture from the Middle Ages to the 17th century. In English.

ITAL 121/H - ACCELERATED ITALIAN I (3 credits, Amodeo). Stresses rapid acquisition of reading skills. With 122 completes language requirement.

ITAL 411 - DANTE (3 credits, Russell). A close reading of the *Vita Nuova* and the *Divine Comedy* as historical documents and as works of art. In English.

FOLA (Critical Languages)

Directed Study of a Foreign Language

Languages offered by FOLA: **Hungarian, Dutch, Polish, Persian, Turkish, Hindi, Egyptian Arabic, Urdu, Tagalog, Modern Western Armenian, Vietnamese** (Listed under FOLA 138 - 159). The FOLA program enables qualified students to acquire **speaking** knowledge of certain languages not currently offered in regular course format.

Department of Geography

GEOG 421 - CULTURAL ECOLOGY. Cultural Ecology is a chance to study how human and physical systems interact. Bring your interest in the environment to GEOG 421.

GEOG 498B - TOPICAL INVESTIGATIONS: INTRODUCTION TO BIOGEOGRAPHY. An entirely new course, intended to provide a 300-level (498B is a temporary course number) experience of ecology and physical geography for students with no biology background. This course will act as a gateway for Geography Majors and a pre-requisite for GEOG 484 "Biogeography", for students without equivalent 300-level background in biology. The course will consider how living organisms respond to their environment by physiological adjustment, migration and adaptation; how individuals, populations and communities differ in their responses; and will introduce some of the major topical issues such as species diversity and global change.

Germanic Studies

GERM 280 - GERMAN-AMERICAN CULTURAL CONTRAST. CORE (HO), Cultural and Historical. Readings and discussion in English. Guenter Pfister.

GERM 281 - WOMEN IN GERMAN LITERATURE AND SOCIETY. This course looks at Germany from a different perspective! It explores German women's creativity in relation to the family, education, class, ethnicity, sexuality, and religion. Literature, art,

30 WHAT'S NEW...

and differences in women's culture at specific moments in history will be discussed within the cultural contexts of German-speaking countries. Instructions and readings in English. CORE Area A. Fulfills Cultural Diversity requirements. Crosslisted as WMST 281. Elke Frederiksen. MWF 12 - 12:50.

GERM 282 - GERMANIC MYTHOLOGY. Introduction to religious beliefs of pagan Germanic peoples. CORE (HL) Readings and instruction in English. Jere Fleck. TuTh 11-12:15.

GERM 284 - GERMANIC CHIVALRIC CULTURE. Introduction to lifestyles of northern Europe from 12th to 14th century. Readings and instruction in English. CORE (HL) Jere Fleck. TuTh 12:30 - 1:45.

GERM 339/HONR 348K - ANGST, SEX AND LAUGHTER: KAFKA AND FILM. A fresh look at Kafka's comic portrayal of the uncanny through the eye of film with stunning films from *Caligari* to *Frankenstein*. Suspend your disbelief: Kafka had fits of laughter reading aloud *The Trial,* his hauntingly told dance with an invisible court. Marvel at a "smiling"(!) insect and explore Kafka's sense of humor in his tales of angst, sex and (laughable) male dominance. Peter Beicken. Class meets Monday 2:00 - 3:30, Wednesday 2:00 - 2:50.

GERM 381 - GERMAN CIVILIZATION I. A survey of German society and culture from the earliest historical periods to the present. Readings and instruction in English. Satisfies Advanced Studies. Team taught: Dr. R. Walker/Dr. G. Pfister. MWF 1-1:50.

GERM 389 - FOLKLORE AND FOLK LITERATURE. A survey of cultural attitudes and beliefs as reflected in proverbs, fairy tales, Shrovetide plays, and the narrative pranks of Till Eulenspiegel. Readings and instruction in English. Satisfies Advanced Studies. Richard Ernest Walker. MWF 10-10:50.

GERM 479 - OLD IRISH. An introduction to the language of the medieval Irish Heroic Tradition. No previous language skills required. Jere Fleck. Class meets TuTh 3:30 - 4:45.

GERM 489O/689O - EARLY GERMANIC RELIGION. This course will look at early Germanic religion starting with Bronze Age rock carvings and reports in classical Greek and Roman authors about the beliefs of the Germanic tribes. Among the texts to be used are Tacitus *Germania*, Snorri Sturluson's *Edda* and Norse mythological poems, such as *The Elder Edda.* Rose-Marie Oster. Class meets Monday 4:00 - 6:30.

Department of History

HIST 122/AASP 298C - AFRICAN CIVILIZATION TO 1800 (formerly HIST 290). History of Africa from earliest times to 1800. Topics of study include origins of African societies, Nile Valley civilization, medieval African states and societies, Islam, oral tradition, African slavery and the slave trade, and early African-European interactions. Professor W. Bravman (3 credits).

HIST 219G - AFRICA'S FIRST INDEPENDENCE. During the 1960s and 1970s, most African countries gained their first independence from the European colonial powers. Although many officially aimed to work with European-type political institutions as well as theories of governance — which their former colonizers had left behind - the "fit" between pre-existing African indigenous institutions, political cultures, and political theories (on the one hand) and the European-imposed institutions (on the other hand) proved unworkable. The era of Africa's first independence was therefore marred by dozens of military coups, authoritarian rule, managerial mishaps, and abuses of power. Economies likewise languished as public policies elaborated various forms of Western-style socialism, capitalism, and otherwise mixed economies. By the end of the 1980s, when it became apparent that several African states had failed in their public functions, a crisis in governance occurred. This course examines the conflicts, contradictions, and ambiguities which effectively distorted Africa's first era of independence. Students are required to attend class regularly.

HIST 219I/JWST 219D - THE JEW AND THE CITY. Using first-hand accounts, films and fiction, this course will examine the age-old connection between the Jewish people and the urban environment. Classes will be devoted to questions like the nature of the pre-modern ghetto and Jewish self-government, the experience of Jews in tenement slums, the changing roles given to Jewish women as they moved form European shteti to slum to suburb, and urban policies in modern Israel concerning "ultra-Orthodox" and Arab populations. This course fulfills CORE requirements for Diversity and Social or Political History. Professor B. Cooperman (3 credits).

HIST 219J - NATIVE AMERICA IN THE TWENTIETH CENTURY. This course examines the Native American experience form Mexico through North America throughout the twentieth century. Particular attention will be paid to the demographic and political revitalization of Indian peoples in the United States after 1890, the rise of *indigenismo* as a component of the Mexican Revolution, and emerging movements for Native American control of natural and cultural resources, from the Reburial and Repatriation movement in the U.S. to the Zapatista Movement in Chiapas and First Nations' opposition to hydroelectric development in Canada. Professor J. Brooks (3 credits).

HIST 419B - HISTORY OF JEWS IN SPAIN. Medieval Spain was marked by glorious civilizations and by intense religious rivalries. Within the swirling complexities of Muslim-Christian rivalries, Jews marked out a place for themselves, living between faiths, borrowing freely and contributing fully to the larger society. This course will trace the history of Spanish Jewry from Roman times to the final expulsion in 1492. Units devoted to poetry, philosophy, religious literature and polemic will introduce students to the cultural creativity of the Jews in Spain. Professor B. Cooperman (3 credits).

HIST 471 - HISTORY OF BRAZIL. Through lectures, readings, and discussions, together with films and slides, this course is intended to examine changes and continuities in Brazilian history from independence (1822) to the present. Special emphasis will be placed on race, class, gender, and ethnicity. We will discuss how colonial heritages determined the "fate" of Brazil as a modern nation-state and how various forms of power relationships emerged, evolved, disappeared and/or transformed during the nineteenth and twentieth centuries.

Center for Jewish Studies

JWST 219C - SPECIAL TOPICS IN JEWISH STUDIES: WOMEN IN YIDDISH CULTURE. (Also offered as WMST 298A). This course will study memoirs, fiction, devotional texts, newspapers, and films in order to explore the lives of women and male and female attitudes towards women, in the Yiddish-speaking cultures of Europe, America, and Israel. Professor Miriam Isaacs. Meets TuTh 2:00 - 3:15.

Department of Mathematics

MATH 401 (Section 0101) - APPLICATIONS OF LINEAR ALGEBRA. In this section of MATH 401 the unit on Linear Programming will be replaced by a unit on using matrices and homogeneous coordinates to display computer graphics in perspective and animate objects. Mathematica notebooks will be used for the display and animation. Previous experience with Mathematica is not required. The special classroom materials for the unit will be available online. Professor Garry Helzer. Class meets MWF 10:00 - 10:50.

MATH 464 - TRANSFORM METHODS FOR SCIENTISTS AND ENGINEERS. MATH 464 will include a significant component dealing with WAVELETS. The material on wavelets is a natural sequel to our usual presentation of Fourier Transforms, Fourier Series, and DFTs (and FFTs) in MATH 464.

There also will be a selection of **MATLAB** exercises dealing with wavelets and using the new MATLAB Wavelet Toolbox. We shall include alternate exercises for those students who do not wish to use MATLAB. MATH 463 is NOT a prerequisite for MATH 464. Professor Manoussos Grillakis. Class meets MWF 10:00 - 10:50.

Department of Meteorology

METO 200/201 - WEATHER AND CLIMATE/WEATHER AND CLIMATE LABORATORY. (Professor Alan Robock) Do you want to learn how to forecast the weather? Would you like to know how long into the future skillful forecasts can be made? Do you wonder if global warming and the ozone hole are real problems for the planet? Do you want to explore atmospheric sciences as a possible career? If so, sign up for the new Weather and Climate courses from the Department of Meteorology. METO 200 has just been approved as a *CORE Distributive Studies,* Mathematics and Sciences, Physical Science *non-laboratory course,* and METO 200 combined with METO 201 has just been approved as a *CORE Distributive Studies* Mathematics and Sciences, Physical Sciences *laboratory course.* METO 200 is a 3-credit survey of atmospheric science. It covers the origin and structure of the atmosphere, meteorological observations, weather maps, forecasting, satellites, energetics, wind, general circulation, storms, severe weather, climate change, air pollution, and weather modification. METO 201 is a 1-credit laboratory taught in conjunction with METO 200 that provides hands-on experiences which complement the material in METO 200. Labs include use of weather instruments, weather forecasting, climate modeling, and interpretation of satellite images.

Department of Natural Resource Science & Landscape Architecture

The Department of Natural Resource Science and Landscape Architecture (NRSL) was recently formed by the merging of two departments. The faculty offer courses in Agronomy (AGRO), Horticulture (HORT), Landscape Architecture (LARC) and Environmental Science and Policy (ENSP). The department's Undergraduate Office is located in 2102 Plant Sciences Building (PLS). For further information on our program, see the course listings in this issue or visit our web site : http://www.agnr.umd.edu/users/hort/natres.htm. Some courses of interest to you might be one or more of the following:

AGRO 105 - SOIL AND THE ENVIRONMENT. CORE Distributive Studies: Life Science (3 credits). This is a down-to-Earth course that uses an ecological approach and a worm's eye view of the soil system to get you involved with such critical issues as non-point source pollution of the Bay, solid waste management, food production, land use planning, home-site selection, radon gas poisoning, and more.

AGRO 441 - SUSTAINABLE AGRICULTURE (3 credits). Delves into the biological, social and economic reasons to seek alternatives to the high-input, chemical intensive farming systems that are currently conventional in industrialized countries. Emphasizes the importance of building integrated agro-ecosystems that apply the lessons of natural systems to the production of food and fiber for humankind.

ENSP 101 - INTRODUCTION TO ENVIRONMENTAL SCIENCE (3 credits). First part of a 2-semester course sequence that introduces students to the topics studied and methods employed in modern environmental science studies. Emphasis will be on critical evaluation of information available on such topics as atmospheric chemistry, radiation transfer, water pollution and overuse of groundwater, natural resources and biodiversity.

LARC 160 - INTRODUCTION TO LANDSCAPE ARCHITECTURE (cross listed with HORT 160). CORE Humanities (HO) course, USP Distributive Studies Area C: Literature and the Arts course. (3 credits). History, theory, philosophy and current practice of the profession of landscape architecture. Explores the interactive relationship between humans and their environment by examining people's perceptions of and changing attitude towards the landscape, as well as, an examination of how these are related to ecological and cultural influences.

LARC 450 - ENVIRONMENTAL RESOURCES (3 credits). A review of ecosystems and an examination of planning strategies for preservation, conservation, management and development of sensitive and cultural landscape resources in the mid-Atlantic region. This course will introduce the methods employed by the landscape architecture profession to examine and resolve environmental resource issues. We will explore ethical issues in environmental planning and discuss current theories including sustainable development and ecosystem management. To see a copy of the 1996 syllabus visit the web site http://www.agnr.umd.edu/users/hort/larc450.htm.

HORT 489 - INTRODUCTORY PLANT PATHOLOGY (now cross listed with PBIO 365) (3 credits). Available for credit at the graduate level (special paper required for graduate students). It will be taught in the teaching theater and laboratory in the Plant Sciences Building using a just-published text (1997) and newly acquired resources. The course is designed for students in agronomy, biology, botany, entomology, horticulture, microbiology as well as general biology. It deals with the nature, causes and management of plant diseases with enough detail for fascination and enough conceptual guidelines to appreciate the application of science in feeding a hungry world.

WHAT'S NEW...31

Department of Philosophy

PHIL 256 - PHILOSOPHY OF BIOLOGY (Darden). Discovery and justifications of biological theories and models.

PHIL 308A - PHILOSOPHY OF LITERATURE AND FILM (Brown). Powers and limitations of film adaptations of novels.

Department of Urban Studies and Planning

URSP 673 - SOCIAL PLANNING. What do people want from communities? How can we plan to improve communities? How do community dynamics influence planning efforts? What do we need to know? What social and political predicaments do we encounter? This course looks at approaches to planning with and for communities. We will look at faith-based, organizing, and service strategies for community planning and development. The course is suitable for students in the social sciences as well as students in social and community practice fields.

URSP 688F - FINANCIAL ANALYSIS FOR PUBLIC AND PRIVATE DEVELOPMENT. This coming fall semester, after a hiatus of several years, the Urban Studies and Planning Program is again offering a course on the financial fundamentals of real estate development: *URSP 688F, Financial Analysis for Public and Private Development.* If you are a planning, architectural, business, or social policy student, but are a beginner with regard to the financial and related institutional structures behind successful real estate ventures, this in-depth, hands-on course is for you.

URSP 688F explores real estate development from the perspective of the private entrepreneurial profit-motivated and non-profit developer. We examine how a developer gets into the business, the stages of a development, the tasks that must be accomplished at each stage, and the financial requirements for each stage. We explore the similarities and differences among the development of commercial property, market-rate residential property, and affordable housing. You will run computer programs to construct financial spread-sheets and conduct feasibility analyses.

The course will be taught jointly by David Falk, Senior Fellow and Visiting Lecturer at the School of Public Affairs, and Andy Frank, Senior Development Director at the Baltimore Development Corporation, a city-owned, non-profit developer in Baltimore City. Falk was, for many years, a private real estate lawyer specializing in the financing of affordable housing and also served as Director of the Maryland Community Development Administration, the State's housing finance agency. Several practitioner guests will be invited for added realism in some of the classes.

Undergraduate Certificate in Science, Technology, and Society

The undergraduate certificate program in Science, Technology, and Society (STS) offers students an opportunity to expand their understanding of the complex relationships of science, technology, and society and to augment their general scientific and technological literacy. This interdisciplinary program has been developed to benefit students from a wide variety of disciplines. Science and engineering majors will have an opportunity to develop a greater understanding of the ethical, historical, philosophical, and public policy ramifications of their fields of study. Behavioral and social science, arts and humanities, and majors from those colleges can explore the structure of scientific and technological activity and the role of technical innovation as a social force. The program is designed to be flexible and to provide a course of study for anyone with an interest in these issues.

Students in the Program may concentrate on one of two tracks: History and Philosophy of Science and Technology (HPST) or Social and Policy Studies of Science and Technology (SPSST). The HPST track is designed to provide an historical and philosophical background for understanding the fundamental natures of scientific and technological endeavors and their impacts upon culture. The SPSST track focuses on the complexity of personal, institutional, and societal interactions between contemporary scientific effort, technological innovation, and social needs. Students in each track are required to complete a series of common core requirements, which include an introductory seminar, a course in technology, and a course in natural science. Each track consists of an additional set of required courses and a specified group of electives. Some of these courses can fulfill CORE requirements.

A total of thirty (30) credit hours will be required to obtain the STS Certificate. Many students currently enrolled in the College Park Scholars Program in Science, Technology, and Society, or the College of Engineering's GEMSTONE program will have already satisfied many of these course requirements.

For further information please send electronic mail to sts@umail.umd.edu, or visit the STS Program web site from the menu at http://carnap.umd.edu:90, or call 405-5706.

Women's Studies

WMST 494 - LESBIAN COMMUNITIES AND DIFFERENCES: LESBIANISMS IN MULTINATIONAL RECEPTION. This course will explore realities and fantasies of cross-cultural same-sex sex among women, women's separatist cultures and communities, and both the dominating and liberatory effect and efforts of western lesbian discourses and politics as they travel globally. This course will be taught by Dr. Katie King.

WMST 498F - ADVANCED SPECIAL TOPICS IN WOMEN'S STUDIES: GENDER, NATIONALISM AND BLACK POLITICAL STRUGGLE. This course will examine how specific ideas of race, nation, class, manhood and womanhood shaped the development of black political ideologies and political movements in the U.S. We will look at a variety of sources ranging from archival documents and political manifestos to art, music, dance and literature. This course will be taught by Dr. Elsa Barkely Brown.

Literatures and Cultures of the World in English Translation

Students at UMCP can study many of the world's literatures and cultures in English translation by taking the courses listed below. Many of these courses also fulfill CORE, Diversity, or Advanced Studies requirements. For further information see the individual course listings in designated departments:

CHIN 213	CHINESE POETRY INTO ENGLISH: AN INTRODUCTION
CLAS 170	GREEK AND ROMAN MYTHOLOGY
CLAS 271	ROMAN LITERATURE IN TRANSLATION
CLAS 309	ANCIENT GREEK AND ROMAN TECHNOLOGY
CLAS 375	ANCIENT COMEDY
CLAS 470	ADVANCED GREEK AND ROMAN MYTHOLOGY
CMLT 270	GLOBAL LITERATURE AND SOCIAL CHANGE
CMLT 275	WORLD LITERATURE BY WOMEN
CMLT 277	LITERATURES OF THE AMERICAS
CMLT 298H	WOMEN, WRITING AND THE ARTS IN THE AMERICAS
CMLT 298I	COMPARATIVE JEWISH LITERATURES
CMLT 488L	GENRES: THE NOVEL AS FILM
CMLT 498C	WOOLF IN COMPARATIVE CONTEXT
CMLT 679M	THE BIRMINGHAM SCHOOL: CULTURAL STUDIES IN CONTEXT
ENGL 201	WESTERN WORLD LITERATURE: HOMER TO THE RENAISSANCE
ENGL 202	WESTERN WORLD LITERATURE: RENAISSANCE TO THE PRESENT
ENGL 277	MYTHOLOGIES: AN INTRODUCTION
ENGL 362	CARIBBEAN LITERATURE IN ENGLISH
FREN 240	MASTERWORKS OF FRENCH LITERATURE IN TRANSLATION
FREN 241	WOMEN WRITERS OF FRENCH EXPRESSION IN TRANSLATION
FREN 242	BLACK WRITERS OF FRENCH EXPRESSION IN TRANSLATION
FREN 484	THE AGE OF ANXIETY: EXISTENTIALISM AND THE ABSURD
GERM 283	VIKING CULTURE AND CIVILIZATION
GERM 285	GERMAN FILM AND LITERATURE
GERM 287	ANCIENT CELTIC CULTURE AND CIVILIZATION
GERM 382	GERMAN CIVILIZATION II
GERM 389W	SOCIAL/MORAL PERSPECTIVES: THE THIRTY YEARS WAR
HEBR 298F	HISTORY OF THE ALPHABETS: HEBREW, ARABIC, GREEK, RUSSIAN, ENGLISH
ITAL 271	THE ITALO-AMERICAN EXPERIENCE
ITAL 475	THE ITALIAN OPERA LIBRETTO
JAPN 416	JAPANESE WOMEN AND WOMEN WRITERS
JWST 262	THE HEBREW BIBLE: NARRATIVE
JWST 278	COMPARATIVE JEWISH LITERATURES
PORT 235	ISSUES IN LATIN AMERICAN STUDIES II
PORT 476	AFRICA IN BRAZIL
RUSS 222	MASTERWORKS OF RUSSIAN LITERATURE II
SPAN 222	CULTURAL DIFFERENCE IN CONTEMPORARY LATIN AMERICA
SPAN 235	ISSUES IN LATIN AMERICAN STUDIES II
WMST 498K	ADVANCED SPECIAL TOPICS IN WOMEN'S STUDIES: FEMINISM AND CULTURAL STUDIES: NATIONALITIES, SEXUALITIES AND GLOBAL TV
WMST 493	JEWISH WOMEN IN INTERNATIONAL PERSPECTIVES

32 GENERAL

STUDENT SERVICES & GENERAL INFORMATION

Career Center

Address: 3121 Hornbake Library, South Wing
Phone: 301-314-7225
Fax: 301-314-9114
e-mail: Career-center-help@umail.umd.edu
web: http://www.CareerCenter.umd.edu/

The Career Center helps students at all points in their academic careers with career goals and decisions. Career Center staff help to guide students to the answers for such questions as "How are my interests, skills and values related a major or a career field?" "How do I gain experience related to my major?" "What are some effective strategies for getting a job or selecting a graduate school?" Career Center programs and services are designed to be used effectively by students from freshmen year until the end of their stay at UMCP. Students who begin to plan their education and career early in their college experience will be in the best position to direct themselves toward meaningful and rewarding careers upon graduation.

Resources

Resource Room: Those entering the Career Center will first encounter its Resource Room, a multi-media collection of resources to help students and alumni learn about career planning and job search strategies. Resources include comprehensive reference material on self-assessment, career exploration, graduate/professional schools, job search skills such as resume writing and interviewing, and directories of employers. Students can receive career information and guidance through a variety of resources: Focus II, an interactive career planning computer program; job listings for part-time, internship, cooperative education, and full-time opportunities; technical assistance for TERP Online; and walk-in assistance from Career Center staff. *See Career Center Hours of Operation for walk-in hours.*

Career Assistance: Career Center staff assists students in identifying careers and majors suited to their interests, values, and skills, developing skills for job search, graduate training, or career change. Walk-in assistance is available on a daily basis in the Resource Room; also available are individual appointments with professional staff.

Workshops: The Career Center offers valuable workshops and orientations that focus on every stage of the career and academic process. Subject matter includes choosing a major, interviewing, resume writing, career and job fair preparation, graduate school application, how to access TERP Online, and Internet job search. For detailed information on workshops, see the Career Center's web site or pick up a calendar of events at the Center.

Http://www.CareerCenter.umd.edu/: Students can visit the Center on-line to identify potential employers, get tips on writing a resume and conducting a job search, find out about employers partipating in on-campus interviewng and career/job fairs, review job listings, research organizations, access other job search sites, learn about graduate programs, and much more.

Publications:

The ***Career Planning Manual*** is a special guide for career planning, conducting a job search, and applying to graduate school. Contents include resume writing guides, successful interviewing techniques, and job search strategies. A preliminary list of employers participating in the On-Campus Interviewing program is featured.

SEC in Action! is a newsletter filled with timely and relevant career and employment information-- local and national-- for the campus community. Topics include trends by career field, employment outlook for graduating seniors, "real world" tips from employers and alumni, and valuable information for students in all stages of their career process. *Both publications are available to students free of charge.*

Employer-In-Residence: The Employer-In-Residence gives students advice on resumes, cover letters, and interviewing concerns; and offers mock interviews with a videotaping review of the session. Participants represent companies which typically use Career Center services for their employment needs. To participate, students must make an appointment through the Center.

Credentials Service: Every UMCP undergraduate and graduate student can establish a permanent, professional file which serves as a depository for letters of recommendation and background information to support applications for employment and graduate/professional schools. ***NOTE:*** *All senior Education majors are required to establish a credentials file.*

Student Employment Center (SEC)

Within the Career Center, the SEC seeks to enhance the employment experiences of UMCP students through a variety of services, programs, advocacy, and research. The SEC advocates an "earn and learn" philosophy by helping students to see the connection between their work experiences and classroom learning/major, while earning experience, money, and/or credit. The SEC provides "one-stop shopping" where students can look for:

- part-time jobs
- internships
- cooperative education (co-op) positions
- graduate assistantships
- full-time employment

Students interested in pre-professional work experiences should consider an internship or co-op. Interested students should view the Center's "Earn While You Learn"to learn about these positions and find out how to pursue academic credit. For specific requirements, see *Experiential Learning Course* below.

Through the SEC's TERP (The Employment Registration Program) Online, students can access job listings and sign up for on-campus interviews from any computer with Internet access, 24 hours a day.

FEDERAL WORK STUDY STUDENTS NOTE: *Students eligible for Federal Work Study/Community Service positions should contact the Office of Student Financial Aid at 314-8313.*

TERP (The Employment Registration Program) Online: For fast and comprehensive access to employment opportunities, the Career Center recommends that every student register for TERP Online. TERP Online provides students access to SEC services (Job Listings, On-Campus Interviewing, and Resume Referral) as well as updated information on career and job fairs. TERP Online students receive special e-mail bulletins on upcoming employer events related to their major. The system is easy to use, and is accessible through any computer with Internet access. For information or assistance, contact the Career Center or access <http://www.CareerCenter.umd.edu/>. ***NOTE:*** *Students must re-register once a year in order to maintain active information in our database.*

Job Listings: Current job listings--including part-time, internship, cooperative education, graduate assistantship, and full-time positions-- are accessible 24 hours a day via TERP Online and in the Resource Room during Career Center hours.

On-Campus Interviewing: On-Campus Interviewing offers students the opportunity to interview on campus with a variety of employers for part-time, internship, cooperative education or full-time positions. To participate in On-Campus Interviewing, students must register for TERP Online. ***NOTE:*** *On-Campus Interviewing is available to recent alumni for one semester after graduation.*

Resume Referral: This resume database allows students and alumni to present their qualifications to employers who are not interviewing on campus. Through posting a resume in the SEC's database, the student joins a pool of candidates accessible to employers requesting applicants with specific skills or backgrounds to fill their current job openings. Employers review the resumes and then contact qualified candidates to arrange office interviews or request additional information. Last year alone, the Career Center sent almost 70,000 student resumes to employers. To take advantage of Resume Referral, students must register for TERP Online.

ENGINEERING MAJORS NOTE: *for part-time, internship, and cooperative education positions, contact the Engineering Co-op and Career Services office at 405-3863.*
BUSINESS MAJORS NOTE: *for part-time, internship, cooperative education, and full-time positions contact the Undergraduate Business Career Services office at 405-7103.*

Academic Courses

EDCP 108D - College and Career Advancement: Career Planning and Decision-Making. Confused about choosing a major? This course helps students identify career interests, skills, and values and how they relate to UMCP majors. Recommended for Freshmen and Sophomores. 1 credit

EDCP 108J - College and Career Advancement: Job Search Strategies. This course is designed to help students learn special skills needed to be successful in today's job market. Topics include: networking, interviewing, resume writing, and planning for your career future. Junior or Senior standing required. 1 credit

Experiential Learning Course - Courses Numbered 386: Through 386 courses, students may earn academic credit for their internship and cooperative education experiences. *NOTE: If your department of interest does not offer 386 credit, you may consider another experiential learning course number in that department.*

The following are requirements for earning 386 credit:

- To be eligible a student must have earned 56 credits, including 12 at UMCP and 3 in the department in which credit is to be awarded.
- 386 may be taken only once in any given department.
- 386 may be taken in only one department per semester.
- 386 may be taken for a maximum of 12 credits as part of an undergraduate program.
- The number of credits earned depends on the number of hours worked at the site plus time spent on completing projects as stipulated in the Learning Proposal.
- Only the work hours completed during the semester earning credit will be counted toward your total hours for credit.
- Credit will be awarded ONLY for the semester in which you are actually working at your site.

In order to earn credit, students must secure a faculty sponsor --in the department where pursuing credit-- and complete a one-page Learning Proposal. The Learning Proposal must be signed by the student, the on-site supervisor and the faculty sponsor and be submitted to the Career Center for approval.

Special Events

Special events bring students and employer representatives together for information exchange and employment contact. Stay tuned on the following special event through the Center or its web site.

FALL

- Part-Time Job Fair
- Graduate & Professional School Fair Grad Day
- Graduate & Professional School Fair Law Day
- Career Week
- Career Fair (Internship, co-op, and full-time)
- International Student Job Fair
- Holiday Job Fair
- Teacher Recruitment Days

SPRING

- Multi-Ethnic Student Career & Job Fair
- National Student Employment Week
- Spring Job Fair (summer, internship, co-op, part-time and full-time)
- MD Area Teacher Interviewing Consortium

Hours of Operation (Hours vary during the summer and semester breaks.)

	Resource Room	*Walk-in Assistance*	**TERP Online Technical Assistance**
Monday	**8:30am-4:30pm**	**11:00am-3:00pm**	**contact the Center for current times**
Tuesday	**8:30am-4:30pm**	**11:00am-3:00pm**	
Wednesday	**8:30am-7:30pm**	**11:00am-7:00pm**	
Thursday	**8:30am-4:30pm**	**11:00am-3:00pm**	
Friday	**8:30am-4:30pm**	**11:00am-3:00pm**	

Change of Address Procedure

Change in either mailing or permanent address can be processed AT ANY TIME DURING THE SEMESTER IN WHICH THEY OCCUR. Address changes are posted to the computer by the Office of the Bursar and the Office of Records and Registrations. Address Change Forms are available at the following places:

1. Office of the Bursar, Room 1115 or 1135, Lee Building, 8:30 a.m. to 4:30 p.m., Monday-Friday.
2. Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m. Monday through Friday.
3. Deans' Offices, 8:30-4:30 p.m., Monday-Friday
4. MARS Kiosks : Mitchell Building, Stamp Union, Ellicott Dining Hall, Van Munching Hall, 7:30am-11:00pm
5. Testudo Web Site: www.testudo.umd.edu select Records and Registration

Since many University communications to students are handled through the mail, it is imperative that accurate and up-to-date addresses be maintained throughout the enrollment period. During the academic year the permanent address for currently registered students will be used for grade reports, combined early registration schedules and bills, and other billings. The local address on file for currently registered students will be used for all other mailings. The permanent address on file for students not currently registered will be used for all mailings. Any student wishing his/her address to be kept confidential should contact the Registration Counter. All requests for non-disclosure of information will be implemented as soon as publication schedules will reasonably allow. The University will use its best efforts to maintain the confidentiality of those categories of information which a student properly requests not be publicly disclosed. The University, however, makes no representations, warranties or guarantees that information designated for non-disclosure will not appear in public documents.

Change of Name Procedure

A change of name can be processed at any time during the semester in which it occurs. Name Change forms are available at the Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m., Monday-Friday. Proof of name change (court order, marriage license, driver's license) must be submitted with name change form.

Commencement Honors

Summa Cum Laude, Magna Cum Laude, and Cum Laude are the commencement honors for excellence in scholarship. Honors are awarded to students with a GPA equal to the highest two percent (Summa), the next highest three percent (Magna) and the following five percent (Cum Laude) of the GPA distribution used in the calculations for that semester. The GPA distribution shall be computed each semester from the GPAs of the three proceeding classes of the student's degree granting unit. To be eligible for this recognition, at least 60 semester hours must be earned at or transferred with a grade to College Park. No more than six credits taken pass/fail or satisfactory/fail shall count toward the 60 hour minimum. No student with an average less than 3.300 will be considered for a commencement honor. Because grades for a term generally are officially recorded after the term's graduation day, computation of the student's GPA will not include grades for courses taken during the student's final semester at University of Maryland, College Park. However, the hours taken during that semester will apply toward the 60-hour requirement.

GENERAL 33

The Counseling Center

Shoemaker Building, Phone 301-314-7651, Fax 301-314-9206
http://www.inform.umd.edu/CampusInfo/Departments/Counseling
Seeking help is a sign of strength! Many students encounter a variety of personal, social, career, and academic issues that call for assistance beyond advice provided by friends and family. Fortunately, the Counseling Center provides free and confidential counseling services to all UMCP students. To schedule an appointment call 301-314-7651 or stop by the Shoemaker Building. Walk-in counseling is available to minority students every day from 3 to 4 p.m.

Counseling Center Services

Personal/Social Counseling. You don't have to deal with your problems alone. In a warm and supportive environment, you can meet with a professional counselor to discuss any concern you may have related to your personal and social well-being. Among the topics many students discuss in counseling are self-esteem, stress, relationship issues, sex, family problems, and loneliness. You may see a counselor for individual counseling or join one of the many counselor-led support groups. Call 301-314-7651

Career Counseling. A normal part of your development in college is identifying who you are in relation to a future career. You can get help with this process in individual career counseling at the Counseling Center. Your exploration may include taking career interest tests and interpreting the results with a professional counselor or taking advantage of a computerized career information system. Whether you are choosing a major, establishing career goals, or considering job opportunities, it is important to understand how your personality, values, and interests relate to your future professional life. Career counseling at the Counseling Center is a good place to begin. Call 301-314-7651.

Academic Skills Counseling. Many students have academic skills that they would like to improve. If you're tired of struggling because of your own weak areas, schedule an appointment to see the Counseling Center's education specialists. They can help you enhance such skills as reading, writing, note-taking, learning science and math material, and learning statistics. Workshops cover a range of topics, including study skills, exam skills, time management, English conversation, end-of-semester survival skills, and completing your thesis or dissertation. Call 301-314-7693.

Workshops and Group Counseling. You can gain strength to deal with your concerns by getting together with other people who share similar problems, interests, and goals. Each semester, the Counseling Center offers weekly support groups addressing a variety of topics, such as career exploration, dissertation support, procrastination prevention, and stress management. Recent group offerings have included, "Caught in the Net," a support group for reducing dependency on e-mail and the Internet; "Circle of Sisters," a support group for black women; "Women, Food, and Obsession with Thinness," which addresses problems of body image and eating; and "Living with Illness," a group that assists people living with chronic illness. Call 301-314-7651.

Support for Students with Disabilities. The Counseling Center provides a range of services for students with disabilities, including help in locating interpreters for deaf or hard-of-hearing students; readers for visually-impaired students, blind students, and students with learning disabilities; and assistance with access to various buildings and facilities on campus. If you are a new or returning student, contact the Disability Support Services Office in the Counseling Center as soon as possible. Call 301-314-7682, voice and TTY.

Returning Students Program. If you are over 25 and returning to school after a break in your formal education, you probably have different needs than the traditional college student. The Returning Students Program is designed to help you with the transition to academic life. Workshops, counseling, and publications are available at the Counseling Center to make your adjustment to the university successful. Call 301-314-7693.

Testing Services. The Counseling Center administers tests for counseling purposes, such as career interest inventories, and also administers national standardized tests, such as the GRE, LSAT, MCAT, GMAT, and Miller Analogies. Call 301-314-7688.

Research Services. Group and individual consultation are available if you need assistance with research design and statistics and writing project proposals, theses, and dissertations. Call 301-314-7687.

Consultation and Evaluation for Parents and Children. Consultation, counseling and child testing are available to assist parents, single parents, and their children (ages 5-14). 301-Call 314-7673.

Counseling Center Hours

Counseling appointments (all students):
Monday-Thursday 8:30 a.m. to 9 p.m.
Friday 8:30 a.m. to 4:30 p.m.
Minority student walk-in counseling (no appointment needed):
Monday-Friday 3:00 to 4:00 p.m.

Credit by Examination for Undergraduates

Credit may be earned by examination for any undergraduate course for which a suitable examination has been adopted or can be prepared by the department granting the credit. This option is not available, however, for courses in which the student has been registered beyond the end of the Schedule Adjustment Period, i.e., the first 10 days of classes.

Additional information regarding availability of examinations, applications, fees and other regulations is available from the Division of Letters & Sciences (L&S), Room 1117, Hornbake Library. See Wendy Japal, 301-314-9423. For more information, consult the undergraduate catalog.

Disclosure of Student Records (Buckley)

The University of Maryland adheres to a policy of compliance with the Family Educational Rights of Privacy Act (Buckley Amendment). With certain limitations, this Act requires and it is the policy of the University:

(1) To permit students to inspect their education records.

(2) To limit disclosure to others of personally identifiable information from education records without student's prior written consent.

(3) To provide students the opportunity to seek correction of their education records where appropriate.

Prior consent will not be required for disclosure of educational records to school officials of the University of Maryland who have been determined to have legitimate educational interests.

Certain information has been designated "Directory Information" and will be disclosed without prior consent unless a student files written notice. Directory information includes but is not limited to:

Name	Participation in Officially Recognized Activities and Sports
Address	Weight and Height of Members of Athletic Teams
Telephone Listing	Dates of Attendance
Date and Place of Birth	Degrees and Awards Received
Photograph	Most Recent Previous Educational Institution Attended
Major Field of Study	e-mail address

Students who wish to limit the disclosure of Directory information or wish access to their official records should obtain the appropriate form at the Registrations Counter, Mitchell Building, and return the completed form to the Registrations Counter. **To limit disclosure of Directory information and printing of information in the student directory requests must be made within 3 weeks from the first day of the semester in which the student begins each school year.** Such requests must be filed annually within the above allotted time.

Students alleging University noncompliance with the Family Educational Rights and Privacy Act may file a written complaint with the Family Educational Rights and Privacy Office, United States Department of Education, 600 Independence Avenue, S.W., Washington, D.C. 20202-4605.

For complete University policy on access to and release of student data information, see the current edition of the *Undergraduate Catalog.*

Drug and Alcohol Abuse Policy

The illegal or abusive use of drugs or alcohol by members of the campus community jeopardizes the safety of the individual and the campus community, and is inimicable to the academic learning process. The University of Maryland is therefore committed to having a campus that is free of the illegal or abusive use of drugs and alcohol. In keeping with this commitment, it is the policy of the University that the illegal or abusive use of drugs or alcohol is prohibited on University property or as part of University activities. This POLICY is to notify students of prohibited conduct and disciplinary actions which may result from violation of University policy.

Prohibited Conduct: Drugs
The *Code of Student Conduct* prohibits, on University premises or at University sponsored activities, the

1) unauthorized distribution; 2) possession for purposes of distribution 3) use; or 4) possession of any controlled substance or illegal drugs.

"Controlled substance" and "illegal drugs" prohibited under the Code are set forth in Schedules I through V in Article 27, part 279 of the Annotated Code of Maryland.

Prohibited Conduct: Alcohol
The *Code of Student Conduct* prohibits the violation of published University regulations or policies regarding the possession, use or distribution of alcoholic beverages, as approved and compiled by the Vice-President for Student Affairs. These policies, generally described below and subject to amendment from time to time, are available for public inspection during normal business hours in the Judicial Programs Office.
The Resident Life Alcohol Policy controls the use, possession or distribution of alcohol in campus residence halls. This policy prohibits the possession or use of alcohol by any student under the age of 21 or the furnishing of alcohol to a person known to be under the age 21. It prohibits common containers (such as a keg or punchbowl) the sale of alcohol, and parties involving alcohol. Students of legal drinking age may consume alcohol in their rooms, suites or apartments only.
The Office of Campus Program Alcohol Policy controls the use, possession, or distribution of alcohol by students on University premises or at University sponsored activities. This policy prohibits the possession or use of alcohol by any student under the age of 21 or furnishing of alcohol to a person known to be under the age of 21. Alcoholic beverages otherwise may not be possessed, consumed or distributed at University sponsored events occurring on University premises unless advance written approval has been obtained from the Office of Campus Programs. In addition, the University Policy on Possession or Use of Common Containers of Alcohol prohibits the possession or use of kegs, beer balls, punch bowls, and other common containers of alcoholic beverages or a similar nature on University property, except for possession and use resulting from licensed purchase by the University's Department of Dining Services.
Disciplinary Sanctions Sanctions for violations of University drug and alcohol policies include expulsion, suspension, disciplinary probation, disciplinary reprimand, restitution, dismissal from University housing, housing probation, work or research projects, and restrictions on further use of University facilities. **The standard penalty for first time possession or use of illegal drugs is a one year suspension. The standard penalty for distribution of illegal drugs is expulsion.** Students may be accountable to both civil authorities and the University for acts which constitute violations of law and University policy. Disciplinary action at the University will normally proceed during the pendency of criminal proceedings and will not be subject to challenge on the grounds that criminal charges involving the same incident have been dismissed or reduced.

Emergency Weather Conditions

When there are severe weather conditions, you should listen to the radio or watch TV to find out whether the university has decided to close. The following are the TV channels and radio stations the university contacts when there is an announcement to **CLOSE** the university because of a severe weather emergency. **NO TV OR RADIO ANNOUNCEMENTS ARE MADE WHEN THE UNIVERSITY REMAINS OPEN. However, a message will be placed on the campus information line (405-1000) by 6:00 am to announce that the campus is open, or that normal operation has resumed following a closing for emergency weather conditions.**

Radio Station	Frequency	Location	TV Station	Channel	Location
WMZQ	1390AM/98.7 FM	D.C. Area	WJLA	7	D.C. Area
WAVA	105.1 FM	D.C. Area	WRC	4	D.C. Area
WASH	97.1 FM	D.C. Area	WUSA	9	D.C. Area
WTOP	1500 AM	D.C. Area	WTTG	5	D.C. Area
WRC	980AM	D.C. Area	WJZ	13	Baltimore Area
WMAL	630 AM	D.C. Area	WMAR	2	Baltimore Area
WGAY	99.5 FM	D.C. Area	WBAL	11	Baltimore Area
WARW	94.7 FM	D.C. Area	Newschannel	8	D.C. Area Cable
WETA	91 FM	D.C. Area			
WPGC	1580 AM/95.5 FM	D.C. Area			
WRQX	107.3 FM	D.C. Area			
WLIF	102 FM	Baltimore Area			
WBAL	1090 AM	Baltimore Area			
WCAO	600 AM	Baltimore Area			
WPOC	93.1 FM	Baltimore Area			

CAMPUS INFORMATION: 301-405-1000

As soon as a decision is made, the Office of University Relations calls all of the media listed above. Although the university tries to insure that its message is used, it cannot control announcements presented on the radio or TV.

English Editing for International Graduate Students

The English Editing for International Graduate Students (EEIGS) program, operating under the aegis of the University of Maryland Office for Graduate Studies & Research, offers editing services to international graduate students who must present their required seminar papers, theses, dissertations, etc. in English. This program is staffed by volunteers from the university's Retired Volunteer Corps and Golden ID group, and by volunteers from other university and non-university sources. These services are free.

The EEIGS program operates as follows:

1. Names and telephone numbers of volunteer editors on whom the student may call may be obtained by calling Mr. Freitag, the program coordinator, at (301) 277-3449.
2. The student can contact a volunteer editor to arrange for the editing services. If an arrangement does not work out satisfactorily, either the student or the volunteer editor may discontinue the service. The student may then seek another volunteer editor.
3. The student should allow a reasonable amount of time for the editing services. Long documents will not be edited on very short notice.
4. Editing services are expected to take place on the University of Maryland campus. The student is responsible for finding working space (for example, an empty classroom or office in the department in which he/she is majoring.)
5. The student is expected to inform the Director of Graduate Studies of the Department in which he/she is majoring about the aid being received through this program.

   There are also graduate students and others on the University of Maryland campus who offer English language editing services for a fee. Graduate students in the Department of English who will do editing for a fee can be contacted through the Director of Graduate Studies. Department of English, Susquehanna Hall (301-405-3810).

The Student Employment Center of Resident Life

The Student Employment Center is a free, centralized service for students seeking on-campus employment within the Department of Resident Life. The SEC maintains jobs descriptions of all the student positions for which the Department hires. Hourly paid positions include, but are not limited to, Desk Receptionist, Community Assistant, Clerical Assistant, and Information Assistant.

Positions are available for both residents and non-residents. They may be standard paid, work-study if a student has such funds designated from Financial Aid, and workship. In the case of workship positions, a portion of the housing costs are remitted in exchange for specified work hours completed by the end of the term.

Recruitment and interviewing for Resident Assistants, leaders who serve 40 - 60 students in floors, suites, or apartments, occurs once each year, with applications available mid-September and a deadline for returning them set for the first week of October. Decisions regarding candidates take place throughout the fall, with hired and alternate candidates taking a class in the spring semester to prepare for the position.

Information regarding Graduate Assistantships with the Department of Resident Life is maintained through this office, as well. Persons who are interested in Assistantships may call the SEC and leave a name, mailing address and phone number, along with the anticipated program and semester of initial study. Information is sent out in mid-December for the following academic year, and applications are generally due February 15.

The Student Employment Center is located in Room 0102 Cecil Hall. Applications for hourly paid positions may be obtained daily from 8:30 am to 4:30 pm Monday through Friday. In order to meet with a staff member, to ask for more specific information, or to determine the staffed office hours, please call 301-314-5111.

34 GENERAL

University Health Center (UHC)

The University Health Center (UHC) located on Campus Drive, across from the Stamp Union is a nationally accredited health care facility. The services provided by the UHC include: urgent care for serious illness and injury, primary care for illness and injury, dental clinic, men's clinic, women's clinic, anonymous HIV/AIDS testing, allergy clinic, asthma management and education clinic, sports medicine, physical therapy (located in the HHP Building), nutrition education, mental health clinic, travel clinic, substance abuse counseling, social services, laboratory, radiology (x-ray) pharmacy and a faculty/staff assistance program. Individual and group health education programs are available on topics such as sexual health and contraception, sexual assault, stress management, substance abuse, dental health, eating disorders, depression and suicide. The UHC is open Monday through Friday from 8:00 a.m. until 10:00 p.m., and Saturday and Sunday from 9:00 a.m. until 5:00 p.m., with varied hours during the summer, semester breaks and holidays. Students can be seen on a walk-in basis during all hours of operation or by appointment during the hours of 9:00 a.m. and 5:00 p.m. on weekdays. Appointments are strongly encouraged whenever possible to reduce your waiting time. Every currently registered student is eligible to use the UHC. Effective 9/2/97, there will be a $10 copayment for visits with most of our providers. There are additional fees for procedures such as x-rays, laboratory tests, immunizations, dental care, allergy injections, casts, physical therapy, massage, some health education programs, and medications and/or supplies dispensed through the pharmacy and/or medical units. These charges are posted to the student's bill at the Bursar's Office.

We are not a participating provider with any insurance company except for the University sponsored health plan. We will provide students with a coded bill which can be submitted to his/her insurance company for reimbursable services. Students are advised to check with their insurance company to see whether or not they cover such services. MAMSI Life and Health Insurance Co. Provides a group health insurance policy to University of Maryland, College Park students. Students are eligible to enroll at the beginning of the Fall semester, Spring semester, or Summer Session I.

All students' medical records are strictly confidential and may only be released by the student's consent or through a court ordered subpoena.

UHC Phone Numbers:

Information	314-8180	Substance Abuse Program	314-8128
Appointments	314-8184	Sexual Assault and Abuse Hotline	314-2222
Mental Health	314-8106	Student Health Advisory Committee	314-8101
Pharmacy	314-8186	Health Education	314-8128
Women's Health	314-8190	Health Insurance	314-8165
Dental Health	314-8178	Therapeutic Massage	314-8128
		Faculty / Staff Assistance Program	314-8170

Housing Service, Off-Campus

The Office of Commuter Affairs provides a free listing and referral service for students, faculty and staff who are seeking housing or have a property to rent. The office is located in 1195 Stamp Student Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m.and Wednesday evenings until 8:00 p.m., 301-314-3645. Listings also on web site http://www.inform.umd.edu/OCA.

Human Relations Code

THE UNIVERSITY'S HUMAN RELATIONS CODE PROHIBITS DISCRIMINATION WITHIN THE CAMPUS COMMUNITY ON THE BASIS OF:

- race
- personal appearance
- color
- national origin
- age
- political affiliation
- creed
- sexual orientation
- marital status
- mental or physical disability
- sex
- The excercise of the rights secured by the First Amendment of the United States Constitution. If you feel you have been subjected to any form of discrimination, you may file a complaint with the Office of Human Relations Programs, or with a member of the Equity Council:

Equity Council

Mr. L. Ray Gillian,
Office of the President,
405-5795
1111 Main Administration
lgillian@deans.umd.edu

Dr. Amel Anderson,
College of Life Sciences,
405-2085
1224 Symons Hall
aanders@deans.umd.edu

Dr. Cordell W. Black,
Office of Academic Affairs,
405- 7227
1127C Main Administration
cblack@vpaap.umd.edu

Dr. Gladys Brown, Director,
Office of Human
Relations Programs,
405-2838
1107 Hornbake Library
gbrown@umdacc.umd.edu

Ms. Roberta H. Coates, Staff
Ombuds Officer,
405-0805
3194 Taliaferro Hall
rcoates@umdacc.umd.edu

Dr. Colleen M. (Coke) Farmer,
College of Health &
Human Performance,
405-2475
2314 Health & Human
Performance Building
cf4@umail.umd.edu

Dr. Linda B. Gambrell,
College of Education,
405-3157
1117 Benjamin Building
lg3@umail.umd.edu

Dr. George Goldenbaum,
College of Computer,
Mathematical and Physical
Sciences,
405-2313
3417 A.V. Williams Building
ggoldenb@deans.umd.edu

Ms. Cynthia Hale,
College of Behavioral and
Social Sciences,
405-1684
2141 Tydings Hall
chale@bss2.umd.edu

Mr. Gene A. Johnson,
College of Agriculture,
405-1177
1326 Symons Hall
gj15@umail.umd.edu

Mr. Warren Kelley,
Office of Student Affairs,
405-5632
2108 Mitchell Building
wkelley@umdacc.umd.edu

Laura Keohane, Campus
Compliance Officer, Office of
Human Relations Programs,
405-2839
1107 Hornbake Library
lkeohane@umdacc.umd.edu

Dr. Melvin R. Levin,
School of Architecture,
405-6797
1149 LeFrak Hall

Dr. Arnold M. Medvene,
Faculty Ombuds Officer,
314-7661
1131 Shoemaker Building
am28@umail.umd.edu

Mr. James Newton,
Office of Continuing Education,
Summer and Special Programs,
405-6851
2103 Reckord Armory
jnewton@deans.umd.edu

Mr. William L. Powers,
School of Public Affairs,
405-6336
2101 Van Munching Hall
bpowers@puafmail.umd.edu

Dr. Louiqa Raschid, College of Business
and Management,
405-2228
3415 Van Munching Hall
louiqa@umiacs.umd.edu

Dr. Horace L. Russell,
School of Engineering,
405-5284
1131 Engineering Classroom Building
hruss@eng.umd.edu

Dr. Stephen F. Sachs, School of
Architecture,
405-6314
1205 Architecture Building
ssachs@arch.umd.edu

Dr. Grieg M. Stewart,
College of Journalism,
405-3290
1118 Journalism Building
gstewart@jmail.umd.edu

Dr. Sylvia S. Stewart,
Office of Administrative Affairs,
405-1109
1132 Main Administration
sstewart@umdacc.umd.edu

Dr. Gerry B. Strumpf, Academic
Services,
314-8217
0219 Stamp Student Union
gstrumpf@umdacc.umd.edu

Dr. Claude E. Walston, College of
Library and Information Services,
405-2049
4117 Hornbake Library
cw6@umail.umd.edu

Ms. Patricia G. Wang, Office of
University Advancement,
405-7764
3124 Lee Building
pwang3@umdacc.umd.edu

Dr. Martha S. Watson, College of
Arts and Humanities,
405-2993
1102 Francis Scott Key Hall
mwatson@deans.umd.edu

Sexual Harassment

Sexual Harassment by University faculty, staff, and students is prohibited by the "UMCP Policy and Procedures on Sexual Harassment." This policy and procedures can be obtained by calling the Office of Human Relations Programs (OHRP) at 301-405-2838. Brochures and posters are available at the same number. The OHRP also provides training and education on sexual harassment and is willing to customize a program based upon audience needs. If you suspect you have been the target of sexually harassing behavior, or are accused of this type of discrimination, please call OHRP.

Identification Cards

New Photo Identification Cards will not be issued to students who currently have them.

Students who registered early for the Fall 1997 semester will receive a new Registration Card along with their Class Schedule and Bill. This card will validate the Photo Identification Card. Both cards should be carried at all times. Students who have not registered will receive identification cards when they do register.

Together the Photo Identification Card and Registration Card can be used by all students to withdraw books from the libraries, for admission to most athletic, social, and cultural events, and as a general form of identification on campus. Students who have food service contracts must use the Photo Identification Card for admission to the dining halls.

There is a replacement charge of $1.00 for lost or stolen Registration Cards and $20.00 for lost, stolen, or broken Photo Identification Cards.

Questions concerning the identification system should be addressed to the Office of Registration 301-314-8240.

International House at Dorchester Hall

Also called "I-House", this specialty house offers undergraduates an exciting living experience, rich in cultural diversity and friendship. About 60% of the residents are from the U.S. and about 40% are from 35 countries around the globe. Through the student-run I-House Council, students organize an array of activities and events to encourage intercultural understanding within I-House and across the campus. Please call the I-House Coordinator at 301-314-7742 for more information, or send e-mail to: iesadv@deans.umd.edu.

International Student Information

F-1 and J-1 Visa Students: Students with F-1 or J-1 status are responsible for following the regulations of the U.S. Immigration and Naturalization Service pertaining to their visa status. The regulations affect extension of stay, transfers, off-campus employment authorization, practical training and course loads. The Office of International Education Services is the only authorized office on campus to sign documents which must be forwarded to the Immigration Service.

Students on Nonimmigrant Student (F-1 and J-1) Visas: In order to maintain full-time student status for immigration purposes, undergraduate students are expected to register for and complete a minimum credit load of 12 hours per semester; graduate students are expected to register for and complete a minimum of 48 graduate units per semester. The Office of International Education Services must be notified in advance if you are going to complete the semester below the required minimum course load. Please watch for announcements from the Office of International Education Services about future changes in immigration regulations.

Documents: Your passport must be kept valid at all times. If your I-20 or IAP-66 will soon expire you should apply for an extension at least 30 days prior to the program completion date on the document. **F-1 and J-1 students are required to carry adequate health insurance while attending the University.** There are new federal health insurance regulations for J-1 students and scholars, and their dependents, effective September 1, 1994. Students must either purchase the health insurance plan available in the Office of International Education Services, or show proof of comparable coverage. See Nancy West in the Health Center for assistance with insurance.

All Students on Immigrant and Non-Immigrant Visas: Every semester, you are required to notify the Office of International Education Services of any change in your address and/or telephone number, in addition to notifying the Office of Records and Registration.

Course Available: *EDCP 108X: Academic Skills for International Students.* This one unit course orients students to the academic and social culture of an American university, with emphasis on successful class participation, effective use of campus resources (including library and research materials), and development of academic skills, particularly written and oral communication.

International Students Information and Questions: The Office of International Education Services, Room 3116A, Mitchell Building. Phone 301-314-7740. Email:iesadv@deans.umd.edu.

IESNEWS is a listserv (messages received on your electronic mail account) sponsored by the Office of International Education Services. Information distributed on IESNEWS is of interest to international students, scholars, and faculty at the University of Maryland. To receive messages from IESNEWS send a message to LISTSERV@UMDD.UMD.EDU. The message should say "SUBSCRIBE IESNEWS first name last name". No quotations marks. You should send the message from the email box (address) where you want to receive IESNEWS mail. If you need assistance, you can reach the list manager at iesnews@deans.umd.edu.

We have a new homepage! You can reach IES from UMCP's main homepage (http://www.umcp.umd.edu/) by selecting "international programs" or for direct access to the International Programs page use http://www.inform.umd.edu: /EdRes/Intl/.

Libraries at UMCP

UMCP Libraries include over 2.5 million volumes, almost 5.1 million microform items, and some 26,000 current periodicals and newspapers, as well as over 874,000 government documents, some 214,000 maps and approximately 155,000 nonprint media sources. Reference sources, both automated and print, provide up-to-date and effective access to information.

The Theodore R. McKeldin Library is the main library of the UMCP library system containing automated and printed reference works, periodicals, circulating books, and other materials to support mainly the graduate and research programs of the University in the agricultural and life sciences, social sciences, and humanities. McKeldin houses special collections including manuscripts and archives, the East Asia Collection, the Prange Collection, Maryland state documents and Maryland-related books and manuscripts, University of Maryland archives, U.S. government documents, and the National Trust for Historic Preservation Collection.

The Hornbake Library houses reference, circulation, and reserve services aimed for undergraduates, and has a study room open all hours during spring and fall semesters. The Nonprint Media Services Department on the fourth floor features color video tape players and playback units, enclosed rooms equipped with instructors' consoles for the use of nonprint media materials, dial access capabilities for instructional purposes as well as tapes, records and films for use of the university community. The Hornbake Library also houses the National Public Broadcasting Archives and the Broadcast Pioneers Library of American Broadcasting which are accessible by appointment only.

Art Library (Art-Sociology Building)
Architecture Library (Architecture Building)
Engineering and Physical Sciences Library (Mathematics Building)
Music Library (3rd floor, Hornbake Library)
White (Chemistry) Memorial Library (Chemistry Building)

All UMCP students, faculty, and staff may borrow from all UMCP Libraries and other campuses in the University of Maryland system.

Non-Discrimination Policy

The University of Maryland is an equal opportunity institution with respect to both education and employment. The University's policies, programs and activities conform to pertinent federal and state laws and regulations on non-discrimination regarding race, color, age, national origin, sex, or disability. Inquiries regarding compliance with Title VI of the Civil Rights Act of 1964 as amended, Title IX of the 1972 Education Amendments, Section 504 of the Rehabilitation Act of 1973, The Americans with Disabilities Act or related legal requirements should be directed to:

Campus Compliance Officer
Office of Human Relations Programs
Room 1107, Hornbake Library
University of Maryland, College Park
College Park, Maryland 20742
301-405-2839

Participation by Students in Class Exercises that Involve Animals

Students who are concerned about the use of animals in teaching have the responsibilities to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available. If no alternatives are available, the refusal to participate in required activities involving animals may result in a failing grade in the course. Departments including courses where animals are used must actively inform students of such courses including, but not limited to, notices in the Catalog.

The University of Maryland, College Park campus, affirms the right of the faculty to determine course content and curriculum requirements. The University, however, also encourages faculty to consider offering alternatives to the use of animals in their courses. In each course, the instructor determines whether the use of animals in classroom exercises will be a course requirement or optional activity. The following departments currently have courses that may require animals to be used in class activities. Animal Sciences, Microbiology, Poultry Science, Psychology, Veterinary Medicine, Zoology, and courses with the NFSC prefix.

Shuttle-UM

Shuttle-UM, UMCP's transit system, is operated by University students and offers a variety of transportation services for all University students, faculty, and staff. Commuter service operates 5 days a week during the Fall and Spring semesters when classes are in session. Service to the College Park Metro is provided everyday the University is open. Buses travel between campus and nearby neighborhoods, apartment complexes, shopping centers, and Metrorail, Amtrak, and MARC train stations. Only a valid University ID is needed to board a Shuttle bus. Exceptions are made for the "College Park Metro" and "Park and Ride" routes - University guests are welcome on these routes without identification. Paratransit service is available on campus 5 days a week for people with temporary or permanent disabilities. Security service operates on campus 7 nights a week when classes are in session (including summer semesters). Shuttle buses are available for charter as well. Charter buses travel anywhere in Washington D.C., most of Maryland and parts of Northern Virginia. For more information on these services call Shuttle-UM, 314-2255, or stop by the Office of Commuter Affairs, 1195 Stamp Student Union, 301-314-5274. Information is also available under "Transportation" on the InforM network. You may access Shuttle UM's web page directly at http://www.inform.umd.edu/shuttle.

Smoking Policy

The University of Maryland College Park has found that a significant percentage of faculty, staff and students do not smoke, smoke is offensive to many non-smokers, it is harmful and even debilitating to some individuals due to their physical condition, and there is evidence suggesting that passive smoke inhalation is harmful to non-smokers. In response to the above considerations, it is hereby established as the policy of UMCP to achieve a public facility environment as close to smoke-free as practicably possible. Obtaining and maintaining this result will require the willingness, understanding, and patience of all members of the Campus community.

It is the policy of UMCP to follow all federal, state, or local laws regarding smoking. This Smoking Policy is in addition to any such policies which may be in effect.

Guideline: Smoking is prohibited in indoor locations.

Implementation: Unit heads or their designees are responsible for assuring that this policy is communicated to everyone within their jurisdiction and to all new members of the Campus community; implementing the policy and guideline and assuring that appropriate notice is provided. Developing guidelines to embrace all special circumstances in the campus is impossible. If unit heads find circumstances in their areas that they believe warrant exception from particular provisions in this Smoking Policy and Guidelines, they may address requests for specific local exceptions to the President or his or her designee.

Compliance: This policy relies on the thoughtfulness, consideration, and cooperation of smokers and non-smokers for its success. It is the responsibility of all members of the Campus community to observe this Smoking Policy and Guideline. Complaints or concerns regarding this policy or disputes regarding its implementation should be referred to the immediate supervisor for resolution. If a resolution cannot be reached, the matter will be referred by the supervisor to the appropriate department head or vice president for mediation.

Review: The provisions and guidelines attached to this Smoking Policy shall be subject to future review and revision to ensure that the objective is obtained. Special attention shall be given to determining if voluntary compliance without disciplinary sanctions has proven satisfactory.

Residential Housing: This policy does not apply to privately occupied portions of University-owned residential space, such as dormitory rooms, apartments, and houses.

Social Security Number

The University of Maryland uses an individual student's social security number as his or her identification number for University records. If you do not wish the University to use your social security number for this purpose, write the Office of Registration, Mitchell Building, College Park, Maryland 20742. The University will then assign its own number to you for record keeping purposes.

Transcript Services

Unofficial Transcripts:

Unofficial transcripts are available for currently enrolled students at MARS Kiosks (Van Munching Hall, the Stamp Union, Ellicott Dining Hall, and the Mitchell Building), and under ***Student Services*** on the Testudo Home Page (http://www.testudo.umd.edu). Students can also review unofficial ADVISE copies which are available at college offices and on UMSTARS (see below for UMSTARS information)

Official Transcripts:

If record information is needed for other purposes, please request an official transcript. There is no charge, and for your convenience, there are four ways to request an official transcript:

1. Come to the Records & Registrations Office, first floor, Mitchell Building. Upon presentation of identification, students who were enrolled 1975 and after can receive their official transcript on the spot.

2. Written requests may be mailed or faxed to the Records Office. Please include your name or former name, social security number, and dates of attendance.

Records Office
Room 1101 Mitchell Building
University of Maryland
College Park, MD 20742
FAX: 301-314-9568

No need to come to campus!
Use Testudo on the Web to request transcripts.

3. MARS Kiosks - Requests to have official transcripts mailed can be made at any of the four Kiosks on campus (Van Munching Hall, the Stamp Union, Ellicott Dining Hall, and the first floor of the Mitchell Building).

4. World Wide Web Testudo - Official Transcript requests can now be made on the Web for students with PINs (personal identification numbers). Use Testudo - http://www. testudo.umd.edu and select *Records & Registration.*

NOTE: Generally mail-in, faxed, Kiosk and Testudo requests are processed and mailed the following business day. A transcript cannot be processed if an outstanding debt is owed to the University. Contact Records and Registrations, 301-314-8240, if you have any questions.

Transfer Credit Evaluation Center

The Transfer Credit Evaluation Center provides transfer credit information and assistance to transfer advisors and students. This service, a joint effort between the Offices of Undergraduate Admissions and Records and Registrations, is computerizing and consolidating the transfer credit process. Students and advisors work together to decide how courses fit into a student's individual program, while the Center provides information on course equivalencies, credit reports and articulation tables. If you have any questions about the Center please call 301-314-8385 or 314-8257.

Tutorial Services

Tutorial services are available to all eligibleUMCP students for most 100- and 200-level courses. Students will be tutored by highly skilled, selectively chosen graduate and undergraduate students. To request tutoring, go to the office of Academic Achievement Programs (AAP) Room 0112 Chemistry Building. You will be assigned a tutor at that time, or shortly thereafter. It is advisable to submit requests for tutoring early in the semester.

Students interested in becoming paid tutors should call 301-405-4749 or go to Room 0112 Chemistry Bldg. to pick up an application and to obtain further information.

Our office also maintains an extensive collection of past exams and quizzes for courses in chemistry, math, and various other subjects, which students may request, copy and return. To request past examination papers, go to Room 0112 Chemistry Bldg. You must present a valid University ID before receiving any past exam papers.

UMSTARS-University of Maryland Student Transactions, Audit and Records System

UMSTARS is a computer system which enables students to view personal and academic information. Information is updated every Sunday. Students can use UMSTARS to verify the accuracy of personal information, evaluate progress toward a degree, identify academic strengths and weaknesses, determine the extent to which UMCP CORE or USP requirements have been met, check the status of transfer credit equivalency requests, and examine billing history.

UMSTARS can easily be accessed at *aITs* (Academic Information Technology Services) WAM labs, any of the more than 800 computer workstations across campus, in college advising offices, or any modem equipped computer (including dial-up lines from home). Look for the UMSTARS menu option on campus computer lab menus, or dial "telnet umstars" from remote sites. If you need assistance connecting to the campus network call *aITs* at 405-1500. For questions about UMSTARS call the Helpline at 314-1600.

Veterans Benefits

Students attending the University under the Veteran's Education Assistance Act may receive assistance and enrollment certification at the Veterans Certification Office in Records and Registrations on the 1st floor of the Mitchell Building. The Staff is available to assist regarding monthly educational assistance checks as well as other benefits such as tutoring assistance and vocational rehabilitation services.

It is the responsibility of veterans and dependents receiving VA benefits to notify the Veterans Certification Office of every change of course program. The following types of changes must be reported: credit level or grading option change, change of major, change of address, graduation, academic dismissal or reinstatement actions, and intent to transfer from the College Park Campus. The University Veterans Office is required to notify the U.S. Veterans Administration Office of the above changes to prevent delays in receipt of benefits.

36 ACADEMIC INFO

COLLEGE ORGANIZATION CHART

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE- MARYLAND CAMPUS

DEPARTMENT OF
- AGRICULTURAL AND RESOURCE ECONOMICS
- ANIMAL AND AVIAN SCIENCES
- BIOLOGICAL RESOURCES ENGINEERING
- NATURAL RESOURCES SCIENCES AND LANDSCAPE ARCHITECTURE
- NUTRITION & FOOD SCIENCE

INSTITUTE OF APPLIED AGRICULTURE
PROGRAMS/CURRICULA
- AGRICULTURAL SCIENCES, GENERAL
- NATURAL RESOURCES MANAGEMENT

SCHOOL OF ARCHITECTURE

- ARCHITECTURE AND ENGINEERING PERFORMANCE INFORMATION CENTER
- CENTER FOR ARCHITECTURAL DESIGN AND RESEARCH
- PROGRAMS/CURRICULUM
  - ARCHITECTURAL HISTORY
  - DESIGN
  - PRESERVATION
  - TECHNOLOGY
  - URBAN PLANNING

COLLEGE OF ARTS AND HUMANITIES

DEPARTMENT OF
- AMERICAN STUDIES
- ART
- ART HISTORY AND ARCHAEOLOGY
- CLASSICS
- DANCE
- ENGLISH
- FRENCH AND ITALIAN LANGUAGES AND LITERATURES
- GERMANIC AND SLAVIC LANGUAGES AND LITERATURES
- HEBREW AND EAST ASIAN LANGUAGES AND LITERATURES
- HISTORY
- LINGUISTICS
- MUSIC
- PHILOSOPHY
- SPANISH AND PORTUGUESE LANGUAGES AND LITERATURES
- SPEECH COMMUNICATION
- THEATRE
- WOMEN'S STUDIES

PROGRAMS
- COMPARATIVE LITERATURE
- EAST ASIAN STUDIES
- FOREIGN LANGUAGE (FOLA)
- JEWISH STUDIES
- ROMANCE LANGUAGES
- RUSSIAN AREA STUDIES

CENTERS
- ART GALLERY
- NINETEENTH CENTURY MUSIC
- RENAISSANCE AND BAROQUE STUDIES

LANGUAGE CENTER
- LANGUAGE HOUSE
- LANGUAGE MEDIA CENTER
- MARYLAND ENGLISH INSTITUTE

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

PROGRAMS / DEPARTMENTS:
- AFRO-AMERICAN STUDIES
- ANTHROPOLOGY
- CRIMINOLOGY AND CRIMINAL JUSTICE
- ECONOMICS
- GEOGRAPHY
- GOVERNMENT AND POLITICS
- HEARING & SPEECH SCIENCES
- PSYCHOLOGY
- SOCIOLOGY
- JOINT PROGRAM IN SURVEY METHODOLOGY

OFFICE OF ACADEMIC COMPUTING SERVICES
COLLEGE WIDE CENTERS:
- ACADEMY OF LEADERSHIP
- CENTER FOR SUBSTANCE ABUSE RESEARCH
- HIGH INTENSITY DRUG TRAFFICKING AREA RESEARCH PROGRAM

COLLEGE OF BUSINESS AND MANAGEMENT

- CENTER FOR INTERNATIONAL BUSINESS
- DINGMAN CENTER FOR ENTREPRENUERSHIP
- MARYLAND CENTER FOR QUALITY AND PRODUCTIVITY
- OFFICE OF EXECUTIVE PROGRAMS
- PROGRAMS/CURRICULUM:
  - ACCOUNTING
  - BUSINESS AND MANAGEMENT-GENERAL
  - BUSINESS AND MANAGEMENT-GENERAL/INTERNATIONAL
  - DECISION AND INFORMATION SCIENCES
  - FINANCE
  - OPERATIONS AND QUALITY MANAGEMENT
  - MARKETING
  - HUMAN RESOURCE MANAGEMENT
  - LOGISTICS & TRANSPORTATION

COLLEGE OF COMPUTER, MATHEMATICAL, AND PHYSICAL SCIENCES

DEPARTMENT OF
- ASTRONOMY
- COMPUTER SCIENCE
- GEOLOGY
- MATHEMATICS
- METEOROLOGY
- PHYSICS

CENTER FOR AUTOMATION RESEARCH
INSTITUTE FOR ADVANCED COMPUTER STUDIES
INSTITUTE FOR PHYSICAL SCIENCE AND TECHNOLOGY
LABORATORY FOR PLASMA AND FUSION ENERGY STUDIES

COLLEGE OF EDUCATION

DEPARTMENT OF:
- COUNSELING AND PERSONNEL SERVICES
- CURRICULUM AND INSTRUCTION
- EDUCATION POLICY, PLANNING, AND ADMINISTRATION
- HUMAN DEVELOPMENT & INSTITUTE FOR CHILD STUDY
- MEASUREMENT, STATISTICS, AND EVALUATION
- SPECIAL EDUCATION

(CONTINUED)

COLLEGE OF EDUCATION (CONT'D)

- COMPARATIVE EDUCATION CENTER
- CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT
- CENTER FOR HUMAN SERVICES DEVELOPMENT
- CENTER FOR THE STUDY OF FAMILIES, RELATIONSHIPS AND CHILD DEVELOPMENT
- CENTER FOR YOUNG CHILDREN
- COUNCIL FOR CURRICULUM DEVELOPMENT AND CHANGE
- CURRICULUM LABORATORY
- EDUCATIONAL TECHNOLOGY CENTER
- INSTITUTE FOR RESEARCH IN HIGHER AND ADULT EDUCATION
- INTERNATIONAL CENTER FOR THE STUDY OF EDUCATION POLICY AND HUMAN VALUES
- NATIONAL READING RESEARCH CENTER
- OFFICE OF LABORATORY EXPERIENCES
- PROFESSIONAL DEVELOPMENT AND EQUITY RESOURCE CENTER

A. JAMES CLARK SCHOOL OF ENGINEERING

DEPARTMENT OF:
- AEROSPACE ENGINEERING
- BIOLOGICAL RESOURCES PROGRAM IN AGRICULTURAL ENGINEERING (See also College of Agriculture)
- CHEMICAL ENGINEERING
- CIVIL ENGINEERING
- ELECTRICAL ENGINEERING
- FIRE PROTECTION ENGINEERING
- MECHANICAL ENGINEERING
- MATERIALS & NUCLEAR ENGINEERING
- PROFESSIONAL MASTERS ENGINEERING

- CENTER FOR MINORITIES IN SCIENCE & ENGINEERING
- COOPERATIVE EDUCATION
- ENGINEERING RESEARCH CENTER
- INSTRUCTIONAL TELEVISION
- INSTITUTE FOR SYSTEMS RESEARCH
- WOMEN IN ENGINEERING PROGRAM

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

DEPARTMENT OF:
- FAMILY STUDIES
- HEALTH EDUCATION
- KINESIOLOGY

CENTER ON AGING

COLLEGE OF JOURNALISM

- COLLEGE OF JOURNALISM
- ADVERTISING
- BROADCAST NEWS
- NEWS EDITORIAL
  - -MAGAZINE
  - -NEWS
- PUBLIC RELATIONS

COLLEGE OF LIBRARY AND INFORMATION SERVICES

- LIBRARY AND INFORMATION SERVICES
- GEOGRAPHY/LIBRARY AND INFORMATION SERVICES
- HISTORY/LIBRARY AND INFORMATION SERVICES

COLLEGE OF LIFE SCIENCES

DEPARTMENT OF:
- PLANT BIOLOGY
- CHEMISTRY AND BIOCHEMISTRY
- ENTOMOLOGY
- MICROBIOLOGY
- ZOOLOGY

- MARINE AND ESTUARINE ENVIRONMENTAL STUDIES PROGRAM
- WATER RESOURCES RESEARCH CENTER
- PROGRAMS/CURRICULA
  - BIOLOGICAL SCIENCES (REVISED FALL 1996)
  - SUSTAINABLE DEVELOPMENT AND CONSERVATION BIOLOGY

SCHOOL OF PUBLIC AFFAIRS

PROGRAMS
- ENVIRONMENTAL POLICY
- INTERNATIONAL SECURITY AND ECONOMIC POLICY
- PUBLIC SECTOR FINANCIAL MANAGEMENT
- SOCIAL POLICY

- BUREAU OF GOVERNMENTAL RESEARCH
- CENTER FOR INTERNATIONAL AND SECURITY STUDIES AT MARYLAND
  - PROJECT ON RETHINKING ARMS CONTROL
  - WOMEN IN INTERNATIONAL SECURITY
- INSTITUTE FOR PHILOSOPHY & PUBLIC POLICY
- CENTER FOR LEARNING AND COMPETITIVENESS

UNDERGRADUATE STUDIES

- AIR SCIENCE (AFROTC)
- ACADEMIC ACHIEVEMENT PROGRAMS
- CENTER FOR TEACHING EXCELLENCE
- COLLEGE PARK SCHOLARS
- CORE PLANNING AND IMPLEMENTATION
- DIVISION OF LETTERS AND SCIENCES
- EDUCATIONAL TALENT SEARCH PROGRAM
- FINANCIAL AID
- FIRST YEAR FOCUS
- INDIVIDUAL STUDIES PROGRAM
- LETTERS AND SCIENCES
- LAW AND HEALTH PROFESSIONS ADVISING OFFICE
- NATIONAL STUDENT EXCHANGE
- RONALD A. McNAIR PROGRAM
- ORIENTATION
- POST BACCALAUREATE SCHOLARSHIP INFORMATION
- PRE-COLLEGE PROGRAMS:
  - UPWARD BOUND
  - MATH AND SCIENCE REGIONAL CENTER
- RECORDS AND REGISTRATIONS
- SENIOR SUMMER SCHOLARS PROGRAM
- TERRAPIN READING SOCIETY
- UNDERGRADUATE ADMISSIONS
- UNIVERSITY HONORS PROGRAM
- UNDERGRADUATE RESEARCH ASSISTANTS PROGRAM
- WINTERTERM

ACADEMIC INFO 37

Advising *(Undergraduate Students)*

Academic advising is an essential part of an undergraduate's educational experience at the University of Maryland. It is available to all students at College Park, but it is the responsibility of the student to make arrangements for advising with the appropriate person. Students are encouraged to use the many advisement opportunities available.

Note: For the following groups advising is mandatory:

Newly admitted first-year and transfer students, concurrent enrollment students, students on academic warning, students seeking reinstatement after dismissal or withdrawal, students nearing senior status, students not meeting fundamental studies requirements, student athletes, and students in certain majors and colleges.

Undergraduate advisors, their room numbers and telephone extensions are listed below. E-mail addresses are given for some colleges and advisors. Students who have general questions about campus programs and advising policies may visit or call Letters & Sciences, Room 1117, Hornbake Library, 314-8418, or e-mail askls@deans.umd.edu

COLLEGE OF AGRICULTURE & NATURAL RESOURCES

General Information				
Dr. Thomas A. Fretz, Dean			SYM-1224	405-7761
Dr. Marla S. McIntosh, Associate Dean			SYM-1222	405-2078
Dr. Leon Slaugher, Assistant Dean			SYM-1221	405-7761
AGRICULTURAL & RESOURCE ECONOMICS				
		Hardie, I. (Coord.) (ianh@arec.umd.edu)	SYM-2216	405-1284
		McConnell, K. (tedm@arec.umd.edu)	SYM-3218	405-1282
		Strand, I. (ivars@arec.umd.edu)	SYM-3204	405-1287
AGRICULTURAL SCIENCES, GENERAL				
		Grant, L. (Coord.) (lg21@umail.umd.edu)	ANS-AGENG-1433	405-1198
ANIMAL SCIENCES				
		Dahl, G. (Coord.) (gd38@umail.umd.edu)	ANS-AGENG-1415	405-1374
		Doerr, J. (jd29@umail.umd.edu)	ANS-AGENG-3149	405-5782
		Hartsock, T. (th9@umail.umd.edu)	ANS-AGENG-2109	405-1389
		Keyser, R. (rk104@umail.umd.edu)	ANS-AGENG-1123	405-1398
		Majeskie, L. (jm5@umail.umd.edu)	ANS-AGENG-1131	405-1406
		Peters, R. (rp17@umail.umd.edu)	ANS-AGENG-1101	405-1401
		Rankin, S. (sr110@umail.umd.edu)	ANS-AGENG-1121	405-4568
		Varner, M. (varner@umd5.umd.edu)	ANS-AGENG-1117	405-1396
BIOLOGICAL RESOURCES ENGINEERING				
		Brown, K. (kb107@umail.umd.edu)	ANS-AGENG-1453	405-1196
		Schreuders, P. (ps129@umail.umd.edu)	ANS-AGENG-1460	405-0145
		Shirmohammadi, A (Coord.) (as31@umail.umd.edu)	ANS-AGENG-1421	405-1185
COMBINED DEGREE, ANIMAL SCIENCE & VETERINARY MEDICINE				
		Dahl, G. (gd38@umail.umd.edu)	ANS-AGENG-1415	405-1374
CONSERVATION - SOIL, WATER & ENVIRONMENT				
		Hill, R. (rh30@umail.umd.edu)	HJP-0216	405-1347
		Rabenhorst, M. (mr1@umail.umd.edu)	HJP-0101	405-1343
		Weil, R. (Coord.) (rw17@umail.umd.edu)	HJP-1103	405-1314
CROP SCIENCE				
		Slaughter, L. (Coord.) (ls24@umail.umd.edu)	PLS-6117	405-1327
DIETETICS				
	(A-J)	Curtis, S. (Director) (sc49@umail.umd.edu)	MMH-3308	405-4532
	(K-O)	Sims, L. (ls56@umail.umd.edu)	MMH-3102	405-4509
	(P-SH)	Blake, A. (ab129@umail.umd.edu)	MMH-3302	405-4524
	(SI-Z)	Moser-Veillon, P. (pv6@umail.umd.edu)	MMH-3209A	405-4502
FOOD SCIENCE				
	(A-I)	Boyle-Roden, E. (eb112@umail.umd.edu)	MMH-3309	405-4528
	(J-R)	Schlimme, D. (ds17@umail.umd.edu)	MMH-3215	405-4347
	(S-Z)	Meng, J. (jm332@umail.umd.edu)	MMH-3420	405-1399
HORTICULTURE				
Hort Production and Hort Science				
		Bouwkamp, J. (jb65@umail.umd.edu)	PLS-2114	405-4334
		Deitzer, G. (gd@umail.umd.edu)	PLS-2132	405-4335
Landscape Management				
		Walsh, C. (Coord.) (cw5@umail.umd.edu)	PLS-2136	405-4351
LANDSCAPE ARCHITECTURE				
	(A-F)	Hill, M. (mh160@umail.umd.edu)	PLS-2140	405-4341
	(G-L)	Pihlak, M. (Coord.) (mp65@umail.umd.edu)	PLS-2146	405-4350
	(M-R)	Sullivan, J. (js337@umail.umd.edu)	PLS-2142	405-0106
	(S-Z)	Hilsenrath, E. (eh68@umail.umd.edu)	PLS-2144	405-4369
NATURAL RESOURCES MANAGEMENT				
		Baldwin, A. (ab174@umail.umd.edu)	ANS-AGENG-1462	405-7855
		Grant, L. (lg21@umail.umd.edu)	ANS-AGENG-1433	405-1198
		Kangas, P. (Coord.) (pk31@umail.umd.edu)	ANS-AGENG-1457	405-1198
NUTRITIONAL SCIENCES *(formerly HumanNutritional and Food Systems)*				
	(A-M)	Ahrens, R. (ra7@umail.umd.edu)	MMH-3301	405-4523
	(N-Z)	Castonguay, T. (tc27@umail.umd.edu)	MMH-3209B	405-4503
TURF & URBAN AGRONOMY				
		Carroll, M. (Coord.) (mc92@umail.umd.edu)	HJP-1114	405-1339

SCHOOL OF ARCHITECTURE

General Information			
Stephen Sachs, Associate Dean		ARCH-1298	405-6284
(Advisor assignments available in Room 1298, Architecture)			
Urban Studies		LEF-1117	405-6799

COLLEGE OF ARTS AND HUMANITIES

Dr. James Harris, Dean		KEY-1102	405-2108
Dr. Gabriele Strauch, Associate Dean		KEY-1102	405-2108
Undergraduate Academic Information		KEY-1120	405-2108
Mr. Derrick Best		KEY-1120	405-2108
Director of Student Affairs			
Dr. Martha Solomon		KEY-1102	405-2118
Associate Dean for Equity Affairs			
Dr. Thomas Moore, Senior Advisor		KEY-1120	405-2108
Mr. John Clift, Senior Advisor		KEY-1120	405-2108
Ms. Karen Nelson, Advisor		KEY-1120	405-2108
Ms. Stacy Steinberg, Advisor		KEY-1120	405-2108
General Information			
AMERICAN STUDIES PROGRAM	Lounsbury, M.	TLF-2113	405-1359
ART	Thorpe, J.	ASY-1211	405-1445
ART HISTORY	Colento, T.	ASY-4219	405-1501
	Quo, J.	ASY-4221	405-1499
CHINESE	McGinnis, S.	JMZ-4202	405-4383
CLASSICAL HUMANITIES	Stehle, E.	MMH-2407	405-2019
COMPARATIVE LITERATURE	Robertsen, E.	SQH-2107	405-2853
DANCE	Wiltz, A.	DNC-1132	405-3180
ENGLISH	Auerbach, J.	SQH-2115	405-3826
FRENCH	Bondurant, D.	JMZ-3104	405-4034
GERMAN	Pfister, G.	JMZ-3210	405-4106
GREEK	Stehle, E.	MMH-2407	405-2019
HEBREW	Levy, N.	JMZ-4218	405-4251
HISTORY	Perinbam, M.	KEY-2116	405-4268
ITALIAN	Russell, C.	JMZ-3106G	405-4024
JAPANESE	Yotsukura, L.	JMZ-2106G	405-0038
JEWISH STUDIES	Cooperman, B.	WDS-0113	405-4975
LATIN	Stehle, E.	MMH-2407	405-2019
LINGUISTICS	Lombardi, L.	MMH-14010	405-4931
MUSIC	Abrams, D	TWS-2110	405-5563
PHILOSOPHY	Stairs, A.	SKN-1121A	405-5695
ROMANCE LANGUAGES	Falvo, J.	JMZ-3103	405-4031
RUSSIAN AREA STUDIES	Majeska, G.	KEY-2165	405-4307
RUSSIAN LANGUAGE & LITERATURE	Martin, C.	JMZ-4109	405-4103
SPANISH & PORTUGUESE	Little, K.	JMZ-2202	405-6452
SPEECH COMMUNICATION	Miller, J.	SKN-2114	405-6517
THEATRE	Wagner, D.	TWS-0236	405-6679
WOMEN'S STUDIES	Nichols, L.	WDS-2101	405-6877

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

Dr. Irwin L. Goldstein, Dean		TYD-2141	405-1679
Dr. Stewart Edelstein, Associate Dean		TYD-2141	405-1679
Dr. Robert Steele, Associate Dean		TYD-2141	405-1679
Dr. Katherine Pedro Beardsley, Assistant Dean		TYD-2141	405-1692
College email address: bsosque@bss2.umd.edu			
Special Projects	Walsh, B.	TYD-2140	405-1689
ADVISEMENT AND RECORDS			
For appointments, special requests, and Dean's stamp		TYD-2148	405-1697
Director of Academic Support Service	Scholl, G.	TYD-2148	405-1702
Candidate Clearance	Goebel, S.	TYD-2148	405-1688
Director of Undergraduate Advising	Byron, L.	TYD-2148	405-1697
College Academic Advisors	Cidon, E.	TYD-2148	405-1697
	Gray, M.	TYD-2148	405-1697
	Kvach,K.	TYD-2148	405-1697
	Schmidt, T.	TYD-2148	405-1697
	Mattson, P	TYD-2148	405-1697
For appointments		TYD-2140	405-1708
College Advising Office for Students of Color, International Students, and Athletes		TYD-2140	405-1708
Coordinator	Blasingame, A.	TYD-2140	405-1708
Academic Advisors	Mason, T.	TYD-2140	405-1708
	Coleman, T.	TYD-2140	405-1708
UNDERGRADUATE PROGRAMS			
AFRO-AMERICAN STUDIES PROGRAM	McCartney, J.	LEF-2169G	405-1168
ANTHROPOLOGY	Stuart, W.	WDS-0100	405-1423
CRIMINOLOGY, CRIMINAL JUSTICE	Sealock, M.	LEF-2220	405-4729
	Edwards, K.	LEF-2220	405-4729
ECONOMICS	Wallis, J.	TYD-3135C	405-3552
GEOGRAPHY	Cirrincione, J.	LEF-1123	405-4073
GOVERNMENT & POLITICS	Sweeney, A.	LEF-2181J	405-4124
HEARING & SPEECH SCIENCE	McCall, G.	LEF-0138	405-4214
PSYCHOLOGY	Sternheim, C.	ZOP-1107	405-5866
SOCIOLOGY	Mohagadam, L.	ASY-2108	405-6389
UNDECIDED-See a college advisor			

COLLEGE OF BUSINESS AND MANAGEMENT

Dr. Judy Olian, Acting Dean		VMH-2416	405-2299
Dr. Burt Leete, Acting Associate Dean			
Dr. Lawence A. Gordon, Director, Ph.D. Program			
Mr. Mark Wellman, Assistant Dean		VMH-2308	405-2278
Mr. Mike Marcellino, Advisor, Master's Program		VMH-2308	405-2278
Dr. Homai McDowell, Assistant Dean and Director, Undergraduate Programs			
Mr. Brian Horick, Associate Director Undergraduate Programs			
Ms. Stella Mirhadi, Associate Director Undergraduate Programs		VMH-1308	405-2286
Ms. Ellen Pollard, Assistant Director Undergraduate Programs			
Ms. Beth Kantrowitz, Advisor			
Undergraduate Advisors	Albert, E.	VMH-1308	405-2286
	Johnson, T.	VMH-1308	405-2286
	King, W.	VMH-1308	405-2286
	Massenburg, S.	VMH-1308	405-2286
Records Office, Business	Hall, D.	VMH-1308	405-2286
	Foster, V.	VMH-1308	405-2286
	Purushothan, D.	VMH-1308	405-2286
	Quigg, J.	VMH-1308	405-2286

COLLEGE OF COMPUTER, MATHEMATICAL & PHYSICAL SCIENCES

Dr. Richard H. Herman, Dean		AVW-3400	405-4906
Undergraduate Academic Information			
Dr. Thelma M. Williams, Associate Dean		AVW-3400	405-2677
Ms. Deborah Reid Bryant, Assistant to the Dean		AVW-3400	405-2677
College email address: cmpsque@deans.umd.edu			
Student Records	Coleman, R.	AVW-3400	405-2677
General Information			
ASTRONOMY	Deming, G. **deming@astro.umd.edu**	CSS-1233	405-1562
COMPUTER SCIENCE	Kaye, G. **gwen@cs.umd.edu**	AVW-1103	405-2672
GEOLOGY	Wylie, A. **awylie@geol.umd.edu**	GEO-1121	405-4079
MATHEMATICS	Alter, M. **mka@math.umd.edu**	MTH-1113	405-5053
PHYSICS	Zerwitz, R. **rzerwitz@deans.umd.edu**	PHY-1120	405-5979
PHYSICAL SCIENCES	Zerwitz, R. **rzerwitz@deans.umd.edu**	PHY-1120	405-5979

COLLEGE OF EDUCATION

General Information			
Dr. Charles Beatty, Associate Dean for Student Services		EDU-1201	405-2338
Undergraduate Student Services	Angeletti, K.	EDU-1210	405-2364
Graduate Student Services	Theis, P.	EDU-1210	405-0006
EDUCATION POLICY, PLANNING, AND ADMINISTRATION	Cibulka, J.	EDU-2115	405-3590

ACADEMIC ADVISORS

38 ACADEMIC INFO

COUNSELING & PERSONNEL SERVICES			
	Rosenfield, S.	EDU-3214C	405-2858
School Psychology	Teglasi, H.	EDU-3222	
	Strein, W.	EDU-3212	
School Counseling	Greenberg, K.	EDU-3222	
Community Counseling	Hershenson, D.	EDU-3214B	
College Student Personnel	McEwen, M.	EDU-3128	
Counseling Psychology	Hoffman, M.	EDU-3218	
Rehabilitation Counseling	Power, P.	EDU-3214A	
	Lawrence, R.	EDU-3234F	
Counseling & Consultation	Hershenson, D.	EDU-3214C	
CURRICULUM & INSTRUCTION – http://.www.inform.umd.edu/EDUC/www/Depts/EDCI/			
	Johnson, M.	EDU 2311B	405-3324
Art Ed	Hendricks, S.		
English/Speech/Theatre Ed	McCaleb, J.	EDU 2304J	
	McKillop, A. M.	EDU 2231	
	Slater, W.	EDU 2304E	
Foreign Language Education/TESOL	De Lorenzo, W.	EDU 2304G	
	Wong, S.	EDU 2233	
Language Arts Education	Comas J.	EDU 2226C	
	Heidelbach, R.	EDU 2304D	
	O'Flahavan, J.	EDU 2304E	
Mathematics Education	Campbell, P.	EDU 2226H	
	Cooper, D.	EDU 2226D	
	Davidson, N.	EDU 2226G	
	Graeber, A.	EDU 2226F	
	Johnson, M.	EDU 2311B	
	Strutchens, M.	EDU 2226D	
Music Education	Folstrom, R.	TWS 3141	
Physical Education	Owens, L.	HHP 2338	405-2438
Reading Education	Afflerbach, P.	EDU 2304L	
	Chambliss, M.	EDU 2311E	
	Dreher, J.	EDU 2311F	
	Gambrell, L.	EDU 3119	
	Grant, R.	EDU 2304K	
	Saracho. O.	EDU 2304H	
Science Education	Holliday, W.	EDU 2226L	
	Layman, J.	EDU 2226J	
	McGinnis, R.	EDU 2226M	
	van Zee, E.	EDU 2226N	
Social Studies Education	Cirrincione, J.	EDU 2227/LeFrak 1125	
	Jantz, R.	EDU 2229	
	VanSledright, B.	EDU 2223	
	Weible, T.	EDU 2207	
Teacher Education	Price, J.	EDU 2311G	
	Sullivan, D.	EDU 0307	
	Valli, L.	EDU 3119	
HUMAN DEVELOPMENT INSTITUTE FOR CHILD STUDY	Flatter, C.	EDU-3304	405-2818
	Hardy, R.	EDU-3304	405-2827
Early Childhood Education	Killen, M.	EDU-1117	
	Klein, E.	EDU-1117	
MEASUREMENT, STATISTICS, AND EVALUATION	Lissitz, R. W.	EDU-1229	405-3624
SPECIAL EDUCATION	Beckman, P.	EDU-1240B	405-6485
	Burke, P.	EDU-1308	
	Cooper, D.	EDU-1240A	
	Egel, A.	EDU-1240C	
	Graham, S.	EDU-1308D	
	Harris, K.	EDU-1311D	
	Kohl, F.	EDU-1240D	
	Leone, P.	EDU-1240E	
	Lieber, J.	EDU-1238	
	McLaughlin, M.	EDU-1500P	
	Neubert, D.	EDU-1242	
	Malmgren, K.	EDU-1311B	
	Speece, D.	EDU-1240F	

For advising and information, intended Education majors contact: Dawn Molloy (EDSP) in room 1235 Education Building; Donna Jensen (EDCI) Advisor in room 2311D Education Building; Kathy Angeletti (Undesignated or undecided) in room 1210 Education Building.

A. JAMES CLARK SCHOOL OF ENGINEERING

General Information			
Dr. William Destler, Dean		EGR-1137	405-3868
Dr. Horace Russell, Associate Dean		EGR-1124	405-5284
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Advisor Consultants	Kleine, K.	EGR-1124	405-3855
	Rooney-Eckel, E.	EGR-1124	405-3855.
	McKenzie, M.	EGR-1124	405-3855
AEROSPACE	Lewis, M.	EGR-3172	405-1133
BIOLOGICAL RESOURCES	Shirmohammadi, A.	ANS 1447	405-1185
CHEMICAL	Smith, T.	CHE-1223B	405-1918
CIVIL	Haghani, A.	EGL-1137	405-1963
ELECTRICAL	Pugsley, J.	AVW-2429	405-3685
FIRE PROTECTION	Spivak, S.	EGR-0151C	405-3992
MATERIALS	Lloyd, I.	CHE-2138	405-5221
MECHANICAL	Walston, W.	EGR-2188	405-2409
NUCLEAR	Pertmer, G.	CHE-2309A	405-2207
PROFESSIONAL MASTERS	Cunniff, P.	EGR-2174	405-5256
Center for Minorities in Science and Engineering	Parker, R.	EGR-1134	405-3878
	Saddler, L.	EGR-1134	405-3878
Engineering Co-op Program	Sauber, H.	EGR-1137B	405-3862
Women in Engineering Program	Morris, C	EGR-1131	405-3931

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

General Information			
Dr. John Burt, Dean		HHP-3310D	405-2438
Dr. Jerry Wrenn, Associate Dean		HHP-3310B	405-2442
Carol Vander Velden, Student Records		HHP-3310H	405-2442
Program Advisors			
KINESIOLOGY			
Kinesiological Sciences	Scott, M.	HHP-2322	405-2480
Physical Education	Owens, L.	HHP-2338	405-2495
HEALTH EDUCATION			
Community Health, School Health	Hyde, D.	HHP-2374	405-2523
FAMILY STUDIES	Annand, V.	HHP-2310	405-2473

HONORS PROGRAM

Dean Hebert, Advisor		ANA-1113	405-6771

COLLEGE OF JOURNALISM

Prof. Reese Cleghorn, Dean		JRN-1117	405-2399
Dr. Greig M. Stewart, Assistant Dean		JRN-1117	405-2399
Olive Reid, Director of U.G. Programs		JRN-1119	405-2399
Undergraduate Advisors	Chadha, K.	JRN-1117	405-2396
	Bowen, S.	JRN-1117	405-2395
	Reed, K.	JRN-1117	405-2398

College email address: jourug@deans.umd.edu

COLLEGE OF LIBRARY & INFORMATION SCIENCES

Dr. Ann Prentice, Dean		HBK-4105	405-2033
Student Records and General Information	Barlow, D. (Asst. Dean)	HBK-4110	405-2038

COLLEGE OF LIFE SCIENCES

General Information			
Dr. Paul H. Mazzocchi, Dean		SYM-1224	405-2080
Dr. William Higgins, Associate Dean		SYM-1212	405-2908
Dr. Albert Klavon, Assistant Dean		SYM-1224	405-2080
Dr. Amel Anderson, Assistant Dean		SYM-1224	405-2080
College email address: collifsc@life.umd.edu			
BIOLOGICAL SCIENCES			
	Presson, J. (Asst. Director)	SYM-1211	405-6892
	Armstrong, E.	PLS-4112	405-3912
	Barnett, N.	HJP-1219	405-1597
	Green, E.	SYM-1212	405-2080
	Infantino, R.	ZOP-2227	405-6904
	Lachman, L.	SYM-1212	405-6892
	Smith, A.	MCB-2107	405-5435
PLANT BIOLOGY	Barnett, N.	HJP-1219	405-1597
CHEMISTRY/BIOCHEMISTRY	Sampugna J. (Director, Undergraduate Programs)	CHM-1309	405-1791
	Ammon, H.	CHM-1309	405-1791
	Boyd, A.	CHM-1309	405-1791
	Devoe, H.	CHM-1309	405-1791
	Hansen, J.	CHM-1309	405-1791
	Khanna, R.	CHM-1309	405-1791
	Ondov, J.	CHM-1309	405-1791
ENTOMOLOGY	Armstrong, E.	PLS-4112	405-3911
MICROBIOLOGY	Benson, S.	MCB-3136	405-5478
	De Stefano, J.	MCB-2114	405-5449
	Gdovin, S.	MCB-2116	405-7254
	Joseph, S.	MCB-2118	405-5452
	Pontzer, C.	MCB 2112	405-5472
	Smith, A. (Coord.)	MCB-2107	405-5430
	Stewart, R.	MCB-3122	405-5475
	Stein, D.	MCB-2113	405-5448
	Weiner, R.	MCB-2111	405-5446
	Yuan, R.	MCB-1119	405-5436
ZOOLOGY	Infantino, R. (Director Undergraduate Programs)	ZOP-2227	405-6904
PRE-PROFESSIONAL	Dr. Lisa Bradley	HBK-0110	405-2793

SCHOOL OF PUBLIC AFFAIRS

Dr. Susan C. Schwab, Dean		VMH-2101	405-6330

UNDERGRADUATE STUDIES

Robert Hampton, Associate Provost for Academic Affairs and Dean		2130 Mitchell Bldg.	405-9354

LETTERS AND SCIENCES (L&S)

Dr. Betty Beckley, Assistant Dean and Director		HBK-1117	314-8418
Barbara Bennett, Secretary		HBK-1117	314-9401
Dr. Lisa Bradley, Assistant Director		HBK-1117	314-8418
Dr. Wendy Whittemore, Assistant Director		HBK-1117	314-8418
John Cordes, Exceptions to Academic Policy		HBK-0110	314-9403
Edie Phillips, Credit by Exam		HBK-1117	314-9423
Vee Vee Coleman, Receptionist		HBK-1117	314-8418
L&S ADVISOR CONSULTANTS			
Transfer Year Coordination	Tom Steen	HBK-1117	314-8418
Advising Services	Harriet Nokuri	HBK-1117	314-8418
Advisor-Advisee Relations		HBK-1117	314-8418
Interim Advising Program	John Cordes	HBK-0110	314-9403
Retention Activities	Zenobia Garrison	HBK-1117	314-8418
SPECIAL INTEREST AREAS			
Architecture	Brian Calis	HBK-1117	314-8418
Computer, Math, Physical Science	Roberta Smit	HBK-1117	314-8418
Journalism	Sandra Hill	HBK-1117	314-8418
Health & Human Performance	Jeff Gardner	HBK-1117	314-8418
Allied Health / Pre-Law	Gilda Anroman	HBK-1117	314-8418
Allied Health	Jane Dye	HBK-1117	314-8418
GENERAL ADVISORS	Marchelle Payne	HBK-1117	314-8418
	Jeff Gardner	HBK-1117	314-8418
	Lisa Sturtevant	HBK-1117	314-8418
	Julie Blackburn	HBK-1117	314-8418
	Wendy Japal	HBK-1117	314-8418
ADVISING ASSISTANTS	Pam Boltax	HBK-1117	314-8418
	Tiffani Huskey	HBK-1117	314-8418
	Tuomo Neuvonen	HBK-1117	314-8418
	Dana Miller	HBK-1117	314-8418
	Jeffrey Sobolow	HBK-1117	314-8418
	Matthew Torbit	HBK-1117	314-8418
INDIVIDUAL STUDIES PROGRAM	John Cordes	HBK 0110	314-9403
	Dolores Mulligan	HBK-0110	314-9403
LAW AND HEALTH PROFESSIONS ADVISING			
Pre-Law	Mary Crawford, Esq.	HBK-0110	405-2793
Pre-Dentistry	Dr. Lisa Bradley	HBK-0110	405-2793
Pre-Medicine	Dr. Lisa Bradley		
Pre-Optometry	Dr. Lisa Bradley		
Pre-Osteopathy	Dr. Lisa Bradley		
Pre-Podiatry	Dr. Lisa Bradley		
Pre Dental Hygiene	Roberto Valera	HBK-0110	405-2793
Pre-Medical and Research Technology	Roberto Valera		
Pre-Nursing	Roberto Valera		
Pre-Pharmacy	Roberto Valera		
Pre-Physical Therapy	Roberto Valera		
Pre-Professional Advising Asst.	Gilda Anroman	HBK-1117	314-8418
	Jane Dye	HBK-1117	314-8418
	Shannon Harvey	HBK-0110	405-2793
	In Bum Chung	HBK-0110	405-2793

OFFICE OF MULTI-ETHNIC STUDENT EDUCATION

Academic Support Unit		
Dr. Mary Cothran, Director	HBK-1101	405-5616
Dr. Jennifer V. Jackson, Assistant Director	HBK-1101	405-5616
Dr. Ronald Zeigler, Research Coordinator	HBK-1101	405-5616
Mr. Joel Smith, Academic Coordinator	HBK-1101	405-5616
Ms. Dottie Bass, Outreach and Programming Coordinator	HBK-1101	405-5616
Ms. Bobbie Lee, Administrative Asst, II	HBK-1101	405-5616
Ms. Bonita Nieves, Administrative Asst. II	HBK-1101	405-5616
Ms. Irene Zoppi, Evening Programming & Marketing Coordinator	HBK-1101	405-5616
Ms. Daniello Balon, Retention Coordinator	HBK-1101	405-5616

ACADEMIC INFO 39

ACADEMIC PROGRESS/COURSE NUMBERING/REPEAT POLICY

Requirements for Satisfactory Academic Progress—*Undergraduate Students*

THE FOLLOWING STANDARDS FOR UNDERGRADUATE ACADEMIC PERFORMANCE BECAME EFFECTIVE IN THE FALL 1984 SEMESTER. THEY APPLY TO ALL UNDERGRADUATE STUDENTS ON THE COLLEGE PARK CAMPUS, WHETHER PREVIOUSLY ENROLLED OR NEWLY ADMITTED.

GRADE POINT AVERAGE (G.P.A.)

1. Requirements for satisfactory academic progress are based solely upon grade point average. This is computed by dividing the TOTAL NUMBER OF QUALITY POINTS accumulated in courses for which a grade of A, B, C, D, or F has been assigned by the TOTAL NUMBER OF CREDITS ATTEMPTED in those courses. Courses for which a grade of "P", "S", "I", or "NGR" has been assigned are NOT included in computing the G.P.A.
2. Each letter grade has a numerical value: A = 4; B = 3; C = 2; D = 1; F = 0. Multiplying this value by the number of credits for a particular course gives the number of quality points earned for that course:

A = 4
B = 3
C = 2
D = 1
F = 0

× NUMBER OF CREDITS = TOTAL QUALITY POINTS FOR THE COURSE

3. An example of how a SEMESTER G.P.A. and a CUMMULATIVE G.P.A. are calculated is given below:

Course	Credits Attempted	Grade	Quality Points
ENGL 101	3	C	6
MATH 110	3	B	9
ZOOL 101	4	A	16
PSYC 100	3	D	3
HIST156	3	F	0
Current Semester Totals	16		34
Previous Semester Totals	27		74

SEMESTER GPA = SEMESTER QUALITY POINTS / SEMESTER CREDITS ATTEMPTED = 34/16 = 2.125

CUMULATIVE GPA = TOTAL QUALITY POINTS / TOTAL CREDITS ATTEMPTED = 108/43 = 2.511

4. When a course is REPEATED, all grades will be included for the purpose of determining the number of quality points used to calculate the cumulative grade point average. First semester students and freshmen through the first 24 credits will receive quality points appropriate for the higher grade when calculating the grade point average. See also, "REPEATING COURSES" below.

SATISFACTORY PERFORMANCE

A student whose cumulative G.P.A. is at least 2.00 will be considered as making satisfactory academic progress at the College Park campus.

Within any given semester, a student who completes 12 or more credits (excluding grades of 'P' and 'S') with a SEMESTER G.P.A. of 3.500, or higher, will be awarded **"ACADEMIC HONORS."** This notation will be placed on the student's transcript.

UNSATISFACTORY PERFORMANCE

Students with a CUMULATIVE G.P.A. of less than 2.00 fall into three categories: UNSATISFACTORY PERFORMANCE, ACADEMIC WARNING, and ACADEMIC DISMISSAL. The cumulative G.P.A. that defines each of these categories varies according to the CREDIT LEVEL as noted below.

CREDIT LEVEL = Total credits earned from courses with grades of A, B, C, D, F, P, S and transfer credit from other institutions, Advanced Placement, CLEP and other similar tests in which credit is given.

CREDIT LEVEL	UNSATISFACTORY PERFORMANCE	ACADEMIC WARNING	ACADEMIC DISMISSAL
0-13	1.290-1.999	0.230-1.289	0.000-0.229
14-28	1.780-1.999	1.280-1.799	0.000-1.279
29-56	1.860-1.999	1.630-1.859	0.000-1.629
57-74	1.940-1.999	1.830-1.939	0.000-1.829
75 OR MORE	—	1.940-1.999	0.000-1.939

1. Students whose cumulative G.P.A. falls within the UNSATISFACTORY PERFORMANCE category at the end of any semester will be urged, in writing, to meet with an advisor.
2. Students who receive an ACADEMIC WARNING will have that notation entered on their transcript and will be informed, in writing, to consult with an advisor prior to the beginning of their next semester. STUDENTS WHO DO NOT MEET WITH AN ADVISOR WILL NOT BE ALLOWED TO DROP OR ADD COURSES OR TO REGISTER FOR THE FOLLOWING SEMESTER.
3. **ACADEMIC DISMISSAL**
   A. Depending on the credit level attempted, students will be academically dismissed at the end of any semester when their CUMULATIVE G.P.A. falls into the ACADEMIC DISMISSAL range.
   B. After attempting 60 or more credits, any student who receives an ACADEMIC WARNING for TWO CONSECUTIVE SEMESTERS will be academically dismissed.
   C. No student transferring to the College Park Campus from OUTSIDE the University of Maryland system will be academically dismissed at the END OF THE FIRST SEMESTER if the cumulative G.P.A. is 0.23 or higher. After this first semester, the student will be subject to normal standards for academic progress. NOTE: This provision does not apply to students reinstated or readmitted to the College park Campus. A transfer student is defined as a student who has attended any regionally accredited institution of higher education following graduation from high school and attempted 9 or more credits.

ADDING/DROPPING COURSES

1. The FIRST TEN DAYS OF CLASSES during the Fall and Spring semesters are designated as being the SCHEDULE ADJUSTMENT PERIOD. A similar period of time is set aside during both summer sessions.
2. During the schedule adjustment period, students may ADD courses, DROP courses, or CHANGE SECTIONS. PART-TIME STUDENTS should pay particular attention to DIRECTIONS/DEADLINES in the Schedule of Classes to avoid incurring additional charges.
3. Courses ADDED during the schedule adjustment period will appear on the student's permanent record along with courses previously listed.
4. Courses DROPPED during the schedule adjustment period will NOT appear on the student's permanent record.
5. **Drop Policy**—The DROP PERIOD for Undergraduate Students will begin at the close of the Schedule Adjustment Period and terminate at the END OF THE TENTH WEEK OF CLASS. DURING THIS DROP PERIOD, A STUDENT MAY DROP A MAXIMUM OF FOUR CREDITS. If a course is more than four credits, the student may drop the entire course. In the case of a variable credit course, the credit level may be reduced by up to four credits.

   Courses dropped after the schedule adjustment period will be recorded on the student's transcript with a "W" notation. This mark is NOT used in computing the semester or cumulative G.P.A.

REPEATING COURSES

1. Students may have one repeat of any given course in which a grade of A, B, C, D, F, P, S, or W has been earned on their records. If a course is repeated in which a student already has earned a grade of A,B,C,D,P, or S, the subsequent attempt will not increase the total credits earned toward the degree. All attempts at a given course resulting in one of the above noted grades will be included in the computation of the grade point average.
2. A student may register for a course NO MORE THAN TWO TIMES. A course dropped with a "W" notation will count as one of these two registrations. If a student withdraws from all courses during a semester these courses will not count as one of the two registrations.
3. Incompletes—The mark of 'I' cannot be removed through re-registration for the course or through "credit by examination."
4. For complete information on the Repeat Policy (see below) or your academic advisor.

Students who need additional information about the STANDARDS FOR SATISFACTORY UNDERGRADUATE PROGRESS OR ABOUT OTHER ACADEMIC POLICIES AND REQUIREMENTS AT College Park should immediately contact an ACADEMIC ADVISOR in their college or department.

Course Numbering System

Number	Eligibility
000-099	Non-credit course
100-199	Primarily courses for first-year students
200-299	Primarily sophomore course
300-399	Junior, senior course not acceptable for credit toward graduate degrees
400-499	Junior, senior course acceptable for credit toward some graduate degrees
500-599*	Professional School course (Dentistry, Law, Medicine) or post-baccalaureate course (not for graduate degree credit)
600-699	Course restricted to graduate students
799	Masters Thesis credit
899	Doctoral Dissertation credit

NOTE: Courses with last digit of 8 or 9 can be repeated for additional credit

UNDERGRADUATES—eligible to register for courses numbered 000-499.

GRADUATE—eligible to register for courses numbered 400-899.

*Not applicable to Graduate or Undergraduate degrees, and not included in GPA calculations.

Repeat Policy-Undergraduate Students

The following policies apply to ALL courses that may not be repeated for additional credit.

1. The following students are required to follow the **new** Repeat Policy:
   a. All new freshmen who began at UMCP Fall 1990 and after.
   b. All transfer students.
   Exceptions:
   - Students from Maryland Community Colleges who began at UMCP Fall 1990 and after
   - Students attending UMBC's College of Engineering from Fall 1990 through Fall 1991.
2. There is a limit to the number of times a student may repeat a course. **Students may have ONE repeat of any course in which they earned an A, B, C, D, F, P, S, W, I, NGR, or Audit;** they cannot be registered (after the Schedule Adjustment Period) for any given course more than twice. A student's Dean's Office may grant an exception allowing an additional course repeat. In this case, students must present a plan for successfully completing the course. **All attempts WILL be counted toward the total limit for repeatable credits.**
3. Students may repeat no more than 18 credits.
4. The grade point average will include all attempts at a given course that results in a grade of A, B, C, D, or F. However, to help **freshmen and transfer students** adjust to the UMCP campus, the following two exceptions allow for the cumulative G.P.A. to be calculated so that **only the higher grade is included:**
   a. When the repeated course was taken within the student's first semester at UMCP,
   or
   b. When the repeated course was taken within the student's first 24 credit hours attempted (including transfer credits) or within the semester during which the student reached the 24th credit hour attempted
5. Any grade earned in prior attempts of a repeated course will appear on the student's transcript, regardless of whether the grade is dropped from, or averaged into, the cumulative grade point average.
6. Repeat by transfer—If a student repeats by transfer a course that was taken before or during the semester in which the student reached 24 credits attempted (including transfer credits) and the transfer grade is higher, then the original grade in the course will be excluded from the G.P.A. calculation.
   - If the course was taken after the semester in which the student reached 24 credits attempted, then the transfer course will not replace the original grade in the G.P.A. calculation. Special exceptions can be requested by the student's college dean in unusual circumstances.

NOTE: SEE COLLEGE OF EDUCATION REPEAT ON NEXT PAGE

40 ACADEMIC INFO

Full-Time Status

FULL-TIME STATUS FOR UNDERGRADUATE STUDENTS WILL BE BASED ON REGISTRATION FOR 12 OR MORE SEMESTER HOURS. Official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

FULL-TIME status is based on the following criteria:

1. Registered for 12 or more semester hours at the end of the Schedule Adjustment Period.
2. Courses registered for **AUDIT** are not included in the calculation of credits for full-time status.
3. UMEI PROGRAM Students enrolled in UMEI 001-004 are considered full-time students. If enrolled in UMEI 005 (semi-intensive), to meet the full-time requirement, undergraduate students must also register for 6-8 credits appropriate to their program.

NOTE: Students on scholarships and grants are expected to maintain a semester credit load of 12 hours. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant may be cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the University. Students receiving financial aid are strongly encouraged to contact a financial aid counselor prior to dropping below full time status. Additional information may be obtained from the Office of Student Financial Aid, Room 0102 Lee Bldg., 301-314-9000

Repeat Policy Prior To Fall 1990

The following students should follow the old Repeat Policy in the Undergraduate Catalog:

1. Students who began at UMCP before Fall 1990 (including students who entered UMCP for summer 1990)
2. Transfer students who began at a Maryland Community College before Fall 1990.
3. UMBC College of Engineering students who began before 1990.

College of Education- REPEAT POLICY

This policy applies only to students in the College of Education

- All registrations in student teaching, regardless of whether a student withdraws or takes a leave of absence, will be counted as an attempt under the campus repeat policy. Only two registrations will be allowed.

- After two registrations, further attempts at student teaching must be approved by the department and school system professionals involved in the candidate's student teaching experience.

Major Changes

If you wish to process a major change, go to the college associated with your desired new major to obtain approval, advisement information, and process the change. Changes can be made with an advisor using the Student Information System Major Change Processor.

Students contemplating a change in major to Architecture, Business & Management, Engineering, Government & Politics, Journalism, Landscape Architecture or Psychology should contact the Office of Undergraduate Admissions, 314-8385 for additional information and an up-to-date list of special admission requirements for these majors. Students considering majoring in Education should contact the College of Education. Students with fewer than 56 credits not admitted directly into these programs may be admitted to the Division of Letters and Sciences, by going to the Undergraduate Advising Center and indicating a desire to do so.

Second Major: A student wishing to complete a second major in addition to his/her primary major, must obtain written permission from both the Dean of the primary major college and the Dean of the secondary major college. Forms for application to a second major are available at all college offices.

NOTE: A student must be enrolled in the major program from which he or she plans to graduate when registering for the final 15 hours of the baccalaureate program.

Second Degree: Refer to the Undergraduate Catalog for Second Degree information.

Foreign Language Placement

Students with prior experience in a foreign language are expected to enroll in courses at the highest level appropriate to their background. A student whose knowledge of a foreign language as deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis.

A student who is a native speaker and who is enrolling in a basic language course is expected to identify him/herself to the instructor to discuss proper placement.

NOTE: If you have taken an advanced placement exam in a foreign language contact the appropriate department to determine at which course level you should enroll.

Latin Courses: Students who have had Latin in high school are encouraged to work at the highest level of which they feel capable. The department advisor, Professor Eva Stehle, located in room 2407C of Marie Mount Hall, will help students identify the appropriate courses in which to enroll. Normally students with less than one year of high school Latin take LATN 101. Those who enter with a full year of high school Latin register for LATN 102, with two full years, LATN 201. College credit is given to students who have earned 4 or 5 on the Advanced Placement Test in Latin.

French Department: Students who wish to register for FREN 101-203 must do so in accordance with the guidelines below. Exceptions may be granted only by written permission of the course chairperson. A student whose knowledge of French as deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an Audit basis.

Placement Guidelines:

FREN 101: For students who have never studied French or who have studied less than two years in high school.

FREN 102: For students who have completed FREN 101 on this campus.

FREN 103: For students with two years of high school French. This is a review of work normally completed by the end of Level 2. Students will not receive credit for FREN 103 if they have already received credit for FREN 102.

FREN 203: For students whose high school transcript shows completion of Level 3.

The French Department does not offer placement testing. For further assistance please contact the Language Supervisor at 405-4024.

Spanish Department. Students who wish to register for Spanish 101-211 must do so in accordance with the guidelines below. Any exception necessitates permission from the Department of Spanish and Portuguese. Students must present their high school transcript for proper placement on the first day of class if they wish to enroll in SPAN 101, 102, 103, 201 or 202. See individual course description for more details.

A student whose knowledge of Spanish as deemed by the undergraduate advisor or the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis. Students who have taken the equivalent of 201 at another institution, are deemed to have satisfied the language requirement for Arts and Humanities.

Students will not receive credit for SPAN 103 if they already have credit for Spanish 102. When a student receives credit for any course above 102, he/she will not receive credit for any course which precedes it if it is in the same sequence. For example, if a student has credit for SPAN 311 (Advanced Conversation), he/she may not receive credit for SPAN 211 (Intermediate Conversation), if taken subsequently.

Consult the Placement List below to determine the appropriate Spanish level you may register for. Please consult the Department Advisor for additional information.

Spanish 101
0 years of Spanish
Level 1 Spanish
Level 2 Spanish with a grade of C or below

Spanish 102
Spanish 101 at the University of Maryland or equivalent course at another university
Level 2 Spanish with a grade of A orB *(preferable placement is SPAN 103)*

Spanish 103
Level 2 Spanish with a grade of A or B
Level 3 Spanish with a grade of C or below
Native speakers or majors of another romance language

Spanish 201
Spanish 102 or 103 at the University of Maryland or equivalent course(s) at another university
Level 3 Spanish with a grade of A or B
Level 4 Spanish with a grade of C or below

Spanish 202 or 211
Spanish 201 at the University of Maryland or equivalent course(s) at another institution
Level 4 Spanish or higher with a grade of A or B

Spanish 206
For students who speak Spanish (e.g. have grown up speaking Spanish, have lived in a Spanish speaking country) but have little or no formal courses in Spanish

Spanish 207
Spanish 202 or concurrent registration in Spanish 202

Chinese Placement: Non-majors are required to have an interview with the program placement advisor. Dr. Scott McGinnis, before they will be permitted to enroll for any Chinese language course (except CHIN 213, 313, 314, 315, 403, 404, 421, 422.)

German and Spanish Placement Schedule: During the semester there will be placement testing in Room 0106, Shoemaker Building. Testing will be on Tuesday, September 2 at 2:00 p.m. and Wednesday, September 3 at 3:00 p.m. in the Testing Room, Shoemaker Building. Bring a picture I.D. in order to be admitted. All other times call D. Adelstein 314-7688 for an appointment.

College Foreign Language Requirements

College of Arts and Humanities Requirements: Students must demonstrate proficiency in a foreign language in one of the following ways.

1. Successful completion of a 12 credit sequence or intermediate level in college language courses.
2. Successful completion of level 4 in one language or level 2 in each of 2 languages in high school.
3. Successful completion of a language placement examination in one of the campus language departments offering such examinations.

College of Journalism Requirement. Completion, up to three courses with at least one course at the intermediate level and no more than one course at the introductory level. *(High School equivalency does not satisfy this requirement.)* Students may opt for a quantitative reasoning track in lieu of the language skills requirement.

Pass-Fail Option (Undergraduate Students)

1. To register for a course under the pass-fail option, an undergraduate must have completed 30 or more credit hours with a G.P.A. of at least 2.0. At least 15 of these credit hours must have been completed at UMCP with a University of Maryland G.P.A. of at least 2.0
2. Courses for which this option applies must be electives in the student's program. The courses may not be college, major, field of concentration, or general education program requirements.
3. Only one course per semester or one course per summer session may be registered for under the pass-fail option.
4. No more than 12 semester hours of credit may be taken under the pass-fail option during a student's college career.
5. Students may not choose this option when re-registering for a course.
6. When registering under the pass-fail option, a course that is *passed* will count as *hours* in the student's record but will not be computed in the grade point average. A course that is *failed* will appear on the student's record and will be computed both in the overall average and in the semester average.

NOTE: CHANGES OF GRADING OPTION MAY BE PROCESSED ONLY DURING THE FIRST TEN DAYS OF CLASSES. GRADUATE STUDENTS are not eligible for the PASS-FAIL grading option.

UMEI Program

Students enrolled in UMEI 001-004 are considered full-time students. If enrolled in UMEI 005 (semi-intensive), to meet the full-time requirement, undergraduate students must also register for 6-8 credits appropriate to their program.

Undergraduate Student Classifications

Freshman	1-27 semester hours	**Junior**	56-85 semester hours
Sophomore	28-55 semester hours	**Senior**	86 to at least 120 semester hours

**Zero level course work is not used in the calculation of cumulative credit hour totals.*

Zero-Level Courses

*** MATH 001* MATH 002***

These courses carry credit for billing and determination of full-time and part-time status. These courses are excluded from the calculation of semester and cumulative grade point averages.
MATH 001/002 fees are discussed under Fees and Expenses.

ACADEMIC INFO 41

Expectations for Advising

The following set of principles allows both students and advisors to have a clear understanding of their roles and individual responsibilities. Advising may be conducted at several levels and by different people. Each academic unit has the discretion in the establishment of its advising plan to address the issue of who provides the advising. Several types or advising are listed below:

- Basic advising directed at the identification and satisfaction of university, program, and departmental requirements.
- Advising directed at identifying and evaluating potential academic majors and careers.
- Advising directed at evaluating choices within academic majors.
- Advising upper-level students on career options, graduate school, etc.
- Advising that focuses on personal development. This is a mentoring process, which may or may not develop between a student and a faculty or staff member.

A student is entitled lo effective academic advising. The student can expect:

- Accurate and up-to-date information about departmental programs.
- Reasonable access to faculty and advisors throughout the semester.
- Adequate staffing to offer advising to all new students at orientation and all early registrations.
- Faculty and advisors with an up-to-date knowledge of departmental and university programs and requirements.
- Transfer evaluation completed within the first semester at UMCP for all students transferring to College Park.
- An individualized audit be prepared on request when the student has completed 75 credits and is within three semesters of his/her expected graduation.

At the same time that the student has expectations for the advising process, the advisor also has expectations. Among these expectations are:

- The student must recognize that the final responsibility for his/her education is his/her own. Advisors can only help.
- The student reads university, college. and departmental materials (such as the catalog, regulations listed in the schedule of classes, departmental handbooks, handouts about the options and sequences in the student's major) before coming to see an advisor.
- The student recognizes that there are different types of advising and different people to do the different types of advising. The student should ask appropriate questions for the different kinds of advisors. For example, faculty are best able lo advise on career opportunities, grad school, etc.; college advisors are probably best on university regulations; peer advisors know the most about individual professors, workload expectations. balancing the course load in a given semester. etc.
- The student understands that no single advisor can answer everything.
- The student should schedule an advising appointment well ahead of his/her registration appointment. It is unreasonable for the student to expect the advisor to drop what he/she is doing 15 minutes before the student's legislation appointment to help the student. Students unable to keep appointments should notify the advisor.
- The student prepares an academic plan and a proposed schedule of classes before coming to see an advisor. The student should bring these and other appropriate material lo the advising session.
- The student has an agenda for the advising session that includes items to be discussed and questions to be answered.

Academic Dishonesty

Academic dishonesty is a corrosive force in the academic life of a university. It jeopardizes the quality of education and depreciates the genuine achievements of others. Apathy or acquiescence in the presence of academic dishonesty is not a neutral act. **All members of the University Community—students, faculty, and staff—share the responsibility to challenge and make known acts of apparent academic dishonesty.**

Any of the following acts, when committed by a student, is an act of academic dishonesty; however, this is not an inclusive list.

A. CHEATING

Intentionally using or attempting to use unauthorized materials, information or study aids in any academic exercise.

Comments:

1. Students completing any examination should assume that external assistance (e.g., books, notes, calculators, conversation with others) is prohibited unless specifically authorized by the instructor.
2. Students must not allow others to conduct research or prepare any work for them without advance authorization from the instructor. This comment includes, but is not limited to, the services of commercial term paper companies.
3. Substantial portions of the same academic work may not be submitted for credit or honors more than once without authorization.

B. FABRICATION

Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.

Comments:

1. "Invented" information may not be used in any laboratory experiment or other academic exercise without notice to and authorization from the instructor.
2. One should acknowledge reliance upon the actual source from which cited information was obtained.
3. Students who attempt to alter and resubmit returned academic work without notice to the instructor would be in violation of the Code of Student Conduct.

C. FACILITATING ACADEMIC DISHONESTY

Intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty.

D. PLAGIARISM

Intentionally or knowingly representing the words or ideas of another as one's own in any academic exercise.

Comments:

1. *Direct Quotation:* Every direct quotation must be identified by quotation marks or by appropriate indentation and must be promptly cited in a footnote. (Proper footnote style for many academic departments is outlined by the MLA Style Sheet or K.L. Turabian's *A Manual for Writers of Term Papers, Theses and Dissertations.)*
2. *Paraphase:* Prompt acknowledgement is required when material from another source is paraphrased or summarized in whole or in part in your own words. Paraphrasing is not reordering words in a sentence.
3. *"Borrowed Facts or Information":* Information that is obtained in one's reading or research; which is not common knowledge among students in the course, must be acknowledged. Textbooks and course handouts are not considered common knowledge. Materials which contribute only to one's general understanding of the subject may be acknowledged in the bibliography and need not be immediately footnoted.

Academic dishonesty is a serious offense which may result in suspension or expulsion from the University. The normal sanction for academic dishonesty is a grade of "XF," denoting "failure due to academic dishonesty." That grade will normally be recorded on the transcripts of students found responsible for acts of academic dishonesty in addition to any other action taken (e.g., suspension or expulsion).

A forty member Student Honor Council has the responsibility to investigate allegations of academic dishonesty and to convene Honor Boards to adjudicate charges. In specified circumstances, the Student Honor Council will accept petitions to remove the grade of "XF" from a transcript and replace it with the grade of "F."

TO REPORT ACADEMIC DISHONESTY CALL THE HONOR COUNCIL AT 314-8204

STUDENTS INTERESTED IN SERVING ON THE HONOR COUNCIL SHOULD CALL THE HONOR COUNCIL AT 314-8204

The *Code of Academic Integrity* is reprinted in full in the Undergraduate Catalog. For further information, contact the Student Honor Council, 2118 Mitchell Building (314-8204).

Attendance And Assessment Policy

ATTENDANCE

1. The university expects each student to take full responsibility for his/her academic work and academic progress. The student, to progress satisfactorily, must meet the quantitative requirements of each course for which he/she is registered. Students are expected to attend classes regularly, for consistent attendance offers the most effective opportunity open to all students to gain developing command of the concepts and materials of their course of study. However, attendance in class, in and of itself, is not a criterion for evaluation of the student's degree of success or failure. Furthermore, absences (whether excused or unexcused) do not alter what is expected of the student qualitatively and quantitatively. Except as provided below, **absences will not be used in the computation of grades, and the recording of student absences will not be required of the faculty.**
2. It is the policy of the university to excuse the absences of students that result from the following causes: illness (where the student is too ill to attend class), religious observance (where the nature of the observance prevents the student from being present during the class period), participation in university activities at the request of university authorities, and compelling circumstances beyond the student's control. Students claiming excused absence must furnish documentary support for their assertion that absence resulted from one of these causes.
3. In certain courses, in-class participation is an ongoing requirement and an integral part of the work of the course, for example, courses in public speaking, requiring group discussion, emphasizing physical activity, conversation in foreign languages, and courses with laboratories. In other courses, occasional in-class assessments may occur, sometimes without advance notice. It is the responsibility of the instructor to inform each class at the beginning of the semester of the nature of in-class participation expected and what effect absences will have on the evaluation of the student's work in the course.
4. Absences in courses where In-class participation is a significant part of the work of the course shall be handled by the instructor in accordance with the general policy of the course department and college.

ASSESSMENT (Examinations, Tests, Quizzes)

1. The university provides for the rescheduling of significant student assessments without penalty, when such assessments are missed by students with an excused absence, except in cases where the nature of the assessment precludes the possibility of rescheduling. In no case may an examination be scheduled on Rosh Hashanah, Yom Kippur, Good Friday or the first two days at Passover. (Students who have concerns about other religious observances should consult with their instructor at the start of the semester.) An instructor is not under obligation to give a student a make-up assessment unless failure to perform was due to illness (where the student is too ill to attend class), religious observance (where the nature of the observance prevents the student from being present during the class period), participation in university activities at the request of university authorities, or compelling circumstances beyond the student's control. In cases of dispute, the student may appeal to the chair of the department offering the course within one week from the date of the refusal of the right to a make-up assessment. In those instances where the instructor is the chair, the appeal may be made to the dean. The decision of the department chair or college dean is final. When permitted, a make-up assessment must be given on campus unless the published schedule or course description requires other arrangements. The make-up assessment must be at a time and place mutually agreeable to the instructor and student, cover only the material for which the student was originally responsible, be at a comparable level of difficulty with the original assessment, and be given within a time limit that retains the currency of the material. The make-up assessment must not interfere with the student's regularly scheduled classes. In the event that a group of students requires the same make-up assessment, time may be scheduled at the convenience of the instructor and the largest possible number of students involved.
2. The student must notify the instructor of the reason for absence as soon as possible. **Where the reason for absence from a scheduled assessment is known well in advance** (for example, in cases of religious observance or participation in university activities at the request of university authorities), **THE STUDENT MUST INFORM THE INSTRUCTOR BY THE END OF THE SCHEDULE ADJUSTMENT PERIOD.** Prior notification is especially important in connection with final examinations, since failure to reschedule a final examination before conclusion of the final examination period may result in loss of credits during the semester. Where the reason is not known well in advance (for example, in cases of illness or compelling circumstances beyond the student's control), the student must inform the instructor as soon as the reason develops, or as soon as possible after its development.
3. All examinations and tests shall be given during class hours in accordance with the regularly scheduled (or officially "arranged") time and place of each course listed in the *Schedule of Classes.* Unpublished changes in the scheduling or location of classes/tests must be approved by the department chair and reported to the dean. It is the responsibility of the student to be informed concerning the dates of announced quizzes, tests, and examinations.
4. A final examination shall be given in every undergraduate course. Exceptions may be made with the written approval of the chair of the department or the dean. All final examinations must be held on the examination days of the Official Final Examination Schedule. No final examination shall be given at a time other than that scheduled in the Official Final Examination Schedule without written permission of the department chair.
5. Graduating seniors will be expected to take final examinations during the regular final examination period. However, **graduating seniors are not required to take final examinations on the day of graduation or on any regularly scheduled day following graduation. In courses with examinations scheduled on those days, graduating seniors must notify their instructors by the end of the Schedule Adjustment Period.**
6. The chair of each department is responsible for the adequate administration of examinations in courses under his/her jurisdiction.
7. Every examination shall be designed to require for its completion not more than the regularly scheduled period. In the case of final examinations, the time allowed should not exceed the scheduled final examination period.
8. A typewritten, mimeographed or printed set of questions shall be placed in the hands of every examinee in every test or examination requiring at least one period, unless the dean has authorized some other procedure.
9. The following rules shall govern all university examinations, unless the instructor for a specific course stipulates alternate rules for that course. A breach of any of the rules shall constitute "disruption of class," a disciplinary offense *(Code of Student Conduct,* section 9[j]), and may serve as the basis of an allegation of academic dishonesty.
   a. Students arriving late for an examination may not unreasonably disrupt the examination room.
   b. Students must leave all unauthorized materials (e.g., books, notes, calculators) with the proctor before being seated.
   c. Where seating arrangements are established by proctors, students must conform to these arrangements.
   d. Students may not return to an examination room after leaving, unless permission to do so has been granted by the proctor prior to the student's departure.
   e. Students must cease conversation prior to the passing out of examination papers and maintain silence during the entire examination period.
   f. Students must place examination papers face down on the writing desk until the examination is officially begun by the proctor.
   g. Students must keep examination papers flat on the writing desk at all times.
   h. Students at an examination must be prepared to show current university identification.
10. Each faculty member is to retain, for one full semester after a course is ended, the students' final examinations. If a faculty member goes on leave for a semester or longer, or leaves the university, the final examinations and grade records for the course must be left with the department chair.

Family Rights and Privacy Act

UMCP adheres to the Family Rights and Privacy Act. A complete copy can be found in the Undergraduate Catalog.

University of Maryland, College Park

Welcome to the Fall 1997 Schedule of Classes, Second Edition

Here's how to read the course listings . . . .

A B C D E

AASP101 Public Policy and the Black Community; (3) REG/P-F/AUD. CORE: SB *Formerly AASP 300.*

F G H

0101 **(00016)** Grant-Wisdom, D.
TuTh 1:00pm-2:15pm (LEF 2166)

I J

- A Course number and title
- B Number of credits (in parentheses)
- C Available grading methods
- D CORE category code for which the course is approved (if any) - see footnotes running at the bottom of each page for interpretation.
- E Course notes, prerequisites, permission requirements, restrictions, etc.
- F Section number
- G MARS index number (in parentheses)
- H Instructor - STAFF indicates that an instructor has not yet been assigned.
- I Class meeting days and times
- J Class meeting location - see the map in the middle of the Schedule to find buildings, translation of their three-letter codes, and a locator grid.

Course listings were current when this Schedule of Classes went to press. For up-to-date offerings and seat counts, go to the Fall 1997 Schedule on the Web: www.testudo.umd.edu.

AASP Afro-American Studies (Behavioral and Social Sciences)

AASP100 Introduction to Afro-American Studies; (3) REG/P-F/AUD. CORE: SH DIVERSITY
0101 **(00001)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 10:00am-10:50am (LEF 1201) Dis
0102 **(00002)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 11:00am-11:50am (LEF 1201) Dis
0103 **(00003)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 12:00pm-12:50pm (ARC 1103) Dis
0104 **(00004)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 9:00am-9:50am (LEF 1201) Dis
0105 **(00005)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 10:00am-10:50am (TYD 1101) Dis
0106 **(00006)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 11:00am-11:50am (ARC 1105) Dis

AASP101 Public Policy and the Black Community; (3) REG/P-F. CORE: SB *Formerly AASP 300.*
0101 **(00016)** Williams, R.
TuTh 11:00am-12:15pm (SQH 1120)

AASP202 Black Culture in the United States; (3) REG/P-F/AUD. CORE: SH DIVERSITY
0101 **(00026)** Harley, S.
MW 10:00am-10:50am (SHM 2101)
F 10:00am-10:50am (TYD 0117) Dis
0102 **(00027)** Harley, S.
MW 10:00am-10:50am (SHM 2101)
F 10:00am-10:50am (LEF 1222) Dis
0103 **(00028)** Harley, S.
MW 10:00am-10:50am (SHM 2101)
F 11:00am-11:50am (TLF 1101) Dis
0104 **(00029)** Harley, S.
MW 10:00am-10:50am (SHM 2101)
F 11:00am-11:50am (JRN 1104) Dis
0105 **(00030)** Harley, S.
MW 10:00am-10:50am (SHM 2101)
F 12:00pm-12:50pm (KEY 0126) Dis
0106 **(00031)** Harley, S.
MW 10:00am-10:50am (SHM 2101)
F 9:00am-9:50am (LEF 1221) Dis

AASP298A Special Topics in Afro-American Studies: Art and Archaeology of Africa; (3) REG/P-F/AUD. CORE: HA DIVERSITY This course is cross-listed with ARTH 275.
0101 **(00041)** Eyo, E.
MW 11:00am-11:50am (ASY 2203)
W 9:00am-9:50am (ASY 3219) Dis
0102 **(00042)** Eyo, E.
MW 11:00am-11:50am (ASY 2203)
W 10:00am-10:50am (ASY 3219) Dis
0103 **(00043)** Eyo, E.
MW 11:00am-11:50am (ASY 2203)
F 9:00am-9:50am (ASY 3207) Dis
0104 **(00044)** Eyo, E.
MW 11:00am-11:50am (ASY 2203)
F 10:00am-10:50am (ASY 3207) Dis

AASP298C Special Topics in Afro-American Studies: Pre-Colonial African Civilization; (3) REG/P-F/AUD. CORE: SH DIVERSITY This course is cross-listed with HIST 122.
0101 **(00056)** Bravman, W.
MW 1:00pm-1:50pm (SHM 2101)
M 9:00am-9:50am (KEY 0116) Dis
0102 **(00057)** Bravman, W.
MW 1:00pm-1:50pm (SHM 2101)
M 12:00pm-12:50pm (KEY 0124) Dis
0103 **(00058)** Bravman, W.
MW 1:00pm-1:50pm (SHM 2101)
W 9:00am-9:50am (KEY 0117) Dis
0104 **(00059)** Bravman, W.
MW 1:00pm-1:50pm (SHM 2101)
W 10:00am-10:50am (JRN 1104) Dis
0105 **(00060)** Bravman, W.
MW 1:00pm-1:50pm (SHM 2101)
M 9:00am-9:50am (ARC 1125) Dis
0106 **(00061)** Bravman, W.
MW 1:00pm-1:50pm (SHM 2101)
M 12:00pm-12:50pm (EGR 3114) Dis
0107 **(00062)** Bravman, W.
MW 1:00pm-1:50pm (SHM 2101)
W 9:00am-9:50am (HJP 1229) Dis
0108 **(00063)** Bravman, W.
MW 1:00pm-1:50pm (SHM 2101)
W 10:00am-10:50am (ARC 1125) Dis

AASP298D Special Topics in Afro-American Studies: West African Dance; (3) REG/P-F/AUD.
0101 **(00073)** Jackson, V.
TuTh 9:30am-10:45am (PKT 2102)

AASP298G Special Topics in Afro-American Studies: Introduction to the Literatures of the African Diaspora; (3) REG/P-F/AUD. CORE: HL DIVERSITY This course is cross-listed with CMLT 235 and ENGL 235.
0101 **(00083)** Silberman, S.
TuTh 2:00pm-3:15pm (SQH 1119)

AASP298L Special Topics in Afro-American Studies: Introduction to African-American Literature; (3) REG/P-F/AUD. CORE: HL DIVERSITY This course is cross-listed with ENGL 234.
0101 **(00093)** Hammond, E.
MWF 10:00am-10:50am (SQH 1103)
0201 **(00094)** Carroll, A.
TuTh 11:00am-12:15pm (HBK 0123)
0301 **(00095)** Orgeron, D.
MWF 9:00am-9:50am (SQH 1119)
0401 **(00096)** Crawford, N.
MWF 11:00am-11:50am (SQH 1119)
0501 **(00097)** Crawford, N.
MWF 10:00am-10:50am (SQH 2121)
0601 **(00098)** Solomon, T.
TuTh 9:30am-10:45am (DNC 1147A)
0701 **(00099)** Orgeron, D.
MWF 10:00am-10:50am (SQH 1119)
0801 **(00100)** Carroll, A.
TuTh 12:30pm-1:45pm (EDU 4233)

AASP298V Special Topics in Afro-American Studies: The Blues as a Cultural Art Form; (3) REG/P-F/AUD.
0101 **(00110)** STAFF
W 1:00pm-3:30pm (NCC 0130)

AASP298W Special Topics in Afro-American Studies: Introduction to Creative Writing; (3) REG/P-F/AUD. This course is cross-listed with ENGL 294N.
0101 **(00120)** Russell, V.
TuTh 3:30pm-5:00pm (NCC 0120)

AASP301 Applied Policy Analysis and the Black Community; (3) REG/P-F/AUD. *Prerequisite: (AASP 101 and ECON 201) or (AASP 101 and ECON 203). Recommended: one semester of statistics.*
0101 **(00130)** Walters, R.
Tu 6:00pm-8:30pm (LEF 2208)

AASP303 Computer Applications in Afro-American Studies; (3) REG/P-F/AUD. *Prerequisite: STAT 100 or SOCY 201 or MATH 111 or equivalent.*
0101 **(00140)** Chan, T.
M 7:00pm-9:30pm (TYD 1128)

AASP312 Social and Cultural Effects of Colonization and Racism; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: AASP 100 or AASP 202.*
0101 **(00150)** Williams, R.
Th 2:00pm-4:30pm (PLS 1111)

AASP386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*
0101 **(00160)** McCarty, J.
W 4:00pm-6:00pm (HZF 1102)

AASP397 *(PermReq)* **Senior Thesis; (3)** REG/P-F/AUD. *Prerequisites: AASP 305; and permission of department.*
0101 **(00170)** Chateauvert, M.
Th 1:00pm-2:30pm (HZF 1105B)
0201 **(00171)** Harley, S.
Time and room to be arranged
0301 **(00172)** Wilson, F.
Time and room to be arranged
0401 **(00173)** Wilson, E.
Time and room to be arranged
0501 **(00174)** Johnson, O.
Time and room to be arranged
0601 **(00175)** Walters, R.
Time and room to be arranged
0701 **(00176)** Williams, R.
Tu 1:00pm-2:30pm (HZF 1109)

AASP398C Selected Topics in the African Diaspora: West African Social History; (3) REG/P-F/AUD. CORE: CS This course is cross-listed with HIST 309B.
0101 **(00186)** STAFF
Th 2:00pm-4:00pm (KEY 0121)
Time and room to be arranged Dis

AASP398W Selected Topics in the African Diaspora: Race and Labor in the African Diaspora; (3) REG/P-F/AUD.
0101 **(00196)** Chateauvert, M.
Tu 6:00pm-8:30pm (HZF 1106)

AASP400 Directed Readings in Afro-American Studies; (3) REG/P-F/AUD. *Prerequisite: AASP 100 or AASP 202.*
0101 **(00206)** Wilson, F.
M 2:00pm-4:30pm (HBK 1112)

AASP400H *(PermReq)* **Directed Readings in Afro-American Studies; (3)** REG/P-F/AUD. *Prerequisite: AASP 100 or AASP 202.* For general honors students only.
0101 **(00216)** Wilson, F.
M 2:00pm-4:30pm (HBK 1112)

AASP411 Black Resistance Movements; (3) REG/P-F/AUD. *Prerequisite: AASP 100.*
0101 **(00226)** Chateauvert, M.
TuTh 3:30pm-4:45pm (HZF 1106)

AASP478P Humanities Topics in Afro-American Studies: African-American Literature: 1945 to Present; (3) REG/P-F/AUD. This course is cross-listed with ENGL 472.
0101 **(00256)** Washington, M.
TuTh 9:30am-10:45am (SQH 1117)

AASP478R Humanities Topics in Afro-American Studies: African, Indian and Caribbean Writers; (3) REG/P-F/AUD. DIVERSITY This course is cross-listed with ENGL 360.
0101 **(00266)** Ray, S.
TuTh 11:00am-12:15pm (EGR 0135)

AASP478W Humanities Topics in Afro-American Studies: Literature by Women of Color; (3) REG/P-F/AUD. This course is cross-listed with ENGL 448 and WMST 448.
0101 **(00276)** Ray, S.
TuTh 9:30am-10:45am (JMZ 2123)

AASP478Z Humanities Topics in Afro-American Studies: Black Popular Literature; (3) REG/P-F/AUD. This course is cross-listed with ENGL 379C.
0101 **(00286)** McKnight, R.
TuTh 12:30pm-1:45pm (SQH 1107)

AASP498I Special Topics in Black Culture: Caribbean Women; (3) REG/P-F/AUD. This course is cross-listed with WMST 360.
0101 **(00306)** Bolles, A.
W 2:00pm-4:30pm (WDS 1127)

AASP498W Special Topics in Black Culture: Black Women in United States History; (3) REG/P-F/AUD. Prerequisite: AASP 100 or AASP 202.
0101 **(00316)** Wilson, F.
W 2:00pm-4:30pm (HZF 1106)

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

AASP499B Advanced Topics in Public Policy and the Black Community: African-American Political Participation in American Politics; (3) REG. Applicable as an upper level elective for both the public policy and the social and cultural analysis concentration.
0101 **(00326)** Brazile, D.
W 7:00pm-9:40pm (LEF 1222)

AASP499G Advanced Topics in Public Policy and the Black Community: Government and Politics of Africa; (3) REG/P-F/AUD.
0101 **(00336)** Wilson, E.
TuTh 2:00pm-3:15pm (TYD 0102)

AASP499K Advanced Topics in Public Policy and the Black Community: The Comparative Politics of Race Relations; (3) REG/P-F/AUD.
0101 **(00346)** Johnson, O.
TuTh 2:00pm-3:15pm (ARM 0112)

AGRI Agriculture
(Agriculture and Natural Resources)

AGRI105 Introduction to Agriculture and Natural Resources; (1) REG/P-F/AUD. *Formerly AGRI 101.*
0201 **(00664)** STAFF
Th 10:00am-10:50am (SYM 0115)

AGRI386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*
0101 **(00674)** Grant, L.
Time and room to be arranged

AGRI389 *(PermReq)* **Selected Topics; (1-3)** REG.
0101 **(00684)** Rivera, W.
Time and room to be arranged
0501 **(00685)** Grant, L.
Time and room to be arranged

AGRI401 Agricultural Support Systems in Developing Countries; (3) REG/P-F/AUD. DIVERSITY
0101 **(00695)** Rivera, W.
TuTh 9:30am-10:45am (PLS 1172)

AGRI626 Program Development in Adult and Continuing Education; (3) REG. *Formerly AEED 626.*
0101 **(00705)** Rivera, W.
M 7:00pm-9:40pm (SYM 0115)

AGRI691 Research Methods in Adult and Continuing Education; (3) REG/AUD. *Formerly AEED 691.*
0101 **(00715)** Rivera, W.
Tu 5:00pm-7:40pm (SYM 0115)

AGRI699 *(PermReq)* **Special Problems; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

AGRI799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

AGRI899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

AGRO Agronomy
(Agriculture and Natural Resources)

AGRO101 Introductory Crop Science; (4) REG/P-F/AUD. CORE: LL *Credit will be granted for only one of the following: AGRO 101 or AGRO 100 and AGRO 102.* Offered fall only.
0101 **(00824)** Slaughter, L.
MW 10:00am-10:50am (PLS 1130)
MW 12:00pm-1:50pm (PLS 1153) Lab
0102 **(00825)** Slaughter, L.
MW 10:00am-10:50am (PLS 1130)
MW 2:00pm-3:50pm (PLS 1153) Lab

AGRO105 Soil and Environmental Quality; (3) REG/P-F/AUD. CORE: LS
0101 **(00835)** Weil, R.
TuTh 12:30pm-1:20pm (HJP 0226)
Tu 8:30am-9:20am (HJP 0103) Dis
0102 **(00836)** Weil, R.
TuTh 12:30pm-1:20pm (HJP 0226)
Tu 4:00pm-4:50pm (HJP 1104) Dis
0103 **(00837)** Weil, R.
TuTh 12:30pm-1:20pm (HJP 0226)
W 12:00pm-12:50pm (HJP 1104) Dis
0104 **(00838)** Weil, R.
TuTh 12:30pm-1:20pm (HJP 0226)
W 5:00pm-5:50pm (HJP 1104) Dis
0105 **(00839)** Weil, R.
TuTh 12:30pm-1:20pm (HJP 0226)
Th 11:00am-11:50am (HJP 1104) Dis
0106 **(00840)** Weil, R.
TuTh 12:30pm-1:20pm (HJP 0226)
M 4:00pm-4:50pm (HJP 0103) Dis

AGRO305 Introduction to Turf Management; (3) REG/P-F/AUD. *Formerly AGRO 405.* Offered fall only.
0101 **(00852)** Carroll, M.
Tu 7:00pm-9:00pm (HJP 1104)
Th 7:00pm-9:00pm (HJP 1104) Lab

AGRO308 *(PermReq)* **Field Soil Morphology; (1)** REG/P-F/AUD. Offered fall only.
0101 **(00862)** Fanning, D.
Time and room to be arranged

AGRO386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

AGRO398 Senior Seminar; (1) REG/P-F/AUD.
0101 **(00898)** STAFF
M 4:00pm-4:50pm (PLS 1144)

AGRO406 Forage Crops; (3) REG/P-F/AUD. *Prerequisite: BIOL 105. Recommended: BIOL 106.*
0101 **(00908)** Glenn, D.
MWF 1:00pm-1:50pm (HJP 1104)

AGRO414 Soil Morphology, Genesis and Classification; (4) REG/P-F/AUD. *Prerequisite: AGRO 202.* Offered fall only.
0101 **(00918)** Fanning, D.
MWF 9:00am-9:50am (HJP 1104)
W 2:00pm-5:00pm (HJP 0103) Lab

AGRO415 Soil Survey and Land Use; (3) REG/P-F/AUD. *Prerequisite: AGRO 202.*
0101 **(00928)** Rabenhorst, M.
TuTh 1:00pm-1:50pm (HJP 1104)
Th 2:00pm-5:00pm (HJP 0210) Lab

AGRO417 Soil Physics; (3) REG/P-F/AUD. *Prerequisites: AGRO 202 and a course in physics; or permission of department.*
0101 **(00938)** Hill, R.
MW 10:00am-10:50am (HJP 1104)
Tu 2:00pm-4:50pm (HJP 0210) Lab

AGRO423 Soil-Water Pollution; (3) REG/P-F/AUD. *Prerequisites: AGRO 202 and CHEM 104 or permission of department.* Offered fall only.
0101 **(00948)** Weismiller, R.
TuTh 9:30am-10:45am (HJP 1104)

AGRO440 Crop, Soils, and Civilization; (3) REG/P-F/AUD. DIVERSITY
0101 **(00958)** James, B.
MWF 11:00am-11:50am (HJP 1104)

AGRO441 Sustainable Agriculture; (3) REG/P-F/AUD.
0101 **(00968)** Weil, R.
TuTh 8:00am-9:15am (HJP 1104)

AGRO453 Weed Science; (3) REG/P-F/AUD. Offered fall only.
0101 **(00978)** Glenn, D.
MF 2:00pm-2:50pm (HJP 1104)
W 2:00pm-4:50pm (HJP 1104) Lab

AGRO499 *(PermReq)* **Special Problems in Agronomy; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

AGRO601 Advanced Crop Breeding I; (2) REG/AUD. *Prerequisite: AGRO 403 or equivalent.*
0101 **(01014)** Costa, J.
TuTh 11:00am-12:15pm (PLS 1146)

AGRO608 *(PermReq)* **Research Methods; (1-4)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

AGRO608T *(PermReq)* **Research Methods: Teaching Methods in Agronomy; (1-3)** REG/AUD.
0101 **(01049)** Slaughter, L.
Time and room to be arranged

AGRO789 Advances in Agronomy Research; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

AGRO798 Agronomy Seminar; (1) REG/AUD.
0101 **(01092)** Glenn, D.
M 12:00pm-12:50pm (HJP 1104)

AGRO799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. A total of six hours required for thesis option for M.S. degree.

AGRO899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number. A total of twelve hours required for Ph.D. degree.

AMST American Studies
(Arts and Humanities)

AMST201 Introduction to American Studies; (3) REG/P-F. CORE: HO
0101 **(01204)** Wahl, G.
MWF 10:00am-10:50am (TLF 1101)
0201 **(01205)** Wahl, G.
MWF 11:00am-11:50am (TLF 2101)
0301 **(01206)** Johansen, B.
MWF 12:00pm-12:50pm (TLF 2101)
0401 **(01207)** Johansen, B.
MWF 1:00pm-1:50pm (TLF 1101)
0601 **(01208)** DeRuyver, D.
TuTh 11:00am-12:15pm (TLF 1101)
0801 **(01209)** Silver, D.
TuTh 11:00am-12:15pm (EGR 3140)
1401 **(01213)** Silver, D.
TuTh 9:30am-10:45am (EGR 3140)

AMST201+ Introduction to American Studies; (3) REG/P-F/AUD. CORE: HO Restricted to students in a First Year Focus Cluster or College Park Scholars - American Cultures.
0501 **(01222)** DeRuyver, D.
TuTh 8:00am-9:15am (TLF 1103
Restricted to students in a First Year Focus Cluster.

0701 **(01223)** Korr, J.
TuTh 12:30pm-1:45pm (TLF 1101)
Restricted to College Park Scholars - American Cultures.

1001 **(01226)** Thompson, J.
TuTh 12:30pm-1:45pm (TLF 1103)
Restricted to College Park Scholars - American Cultures.

1101 **(01224)** Miller, J.
MWF 9:00am-9:50am (CBD 1135
Restricted to College Park Scholars - American Cultures.

1301 **(01225)** Korr, J.
TuTh 9:30am-10:45am (TLF 1103)
Restricted to College Park Scholars - American Cultures.

AMST203 Popular Culture in America; (3) REG/P-F. CORE: HO
0101 **(01235)** Mintz, L.
MWF 11:00am-11:50am (TLF 1103)

AMST204 Film and American Culture Studies; (3) REG/P-F. CORE: HO
0101 **(01245)** Taylor, D.
TuTh 8:00am-9:15am (TLF 1101)
0201 **(01246)** Taylor, D.
TuTh 9:30am-10:45am (TLF 1101)

AMST205 Material Aspects of American Life; (3) REG. CORE: HA
0201 **(01256)** Sies, M.
TuTh 12:30pm-1:45pm (EGR 3140)
0301 **(01257)** Williams, P.
TuTh 9:30am-10:45am (PHY 4220)
0401 **(01258)** Jenkins, V.
TuTh 2:00pm-3:15pm (VMH 2203)

AMST207 Contemporary American Cultures; (3) REG. CORE: SB DIVERSITY
0101 **(01268)** Caughey, J.
TuTh 11:00am-12:15pm (TLF 1103)

AMST211 Technology and American Culture; (3) REG. CORE: HO
0101 **(01278)** Lounsbury, M.
MWF 12:00pm-12:50pm (TLF 1103)

AMST211H Technology and American Culture; (3) REG/P-F. CORE: HO Restricted to AMST Honors, College Park Scholars, and University Honors students.
0101 **(01288)** Lounsbury, M.
W 1:00pm-3:30pm (TLF 2137)
0201 **(01289)** Lounsbury, M.
W 1:00pm-3:30pm (TLF 2137)
Restricted to Honors Humanities students.

AMST212 Diversity in American Culture; (3) REG/P-F. DIVERSITY
0101 **(01298)** Paoletti, J.
M 2:00pm-3:15pm (CSS 1410)
W 2:00pm-3:15pm (PLS 1176)

AMST298C Selected Topics in American Studies: Asian American Experience; (3) REG/P-F. DIVERSITY
0101 **(01308)** Liu, W.
TuTh 3:30pm-4:45pm (TLF 1101)
0201 **(01309)** Liu, W.
TuTh 9:30am-10:45am (TLF 2101)

AMST330 Critics of American Culture; (3) REG/P-F/AUD. *Prerequisite: prior course in AMST, HIST, or SOCY.*
0101 **(01319)** Mintz, L.
MWF 1:00pm-1:50pm (TLF 1103)

AMST386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

AMST398 *(PermReq)* **Independent Studies; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

AMST428L American Cultural Eras: Asian American History; (3) REG/P-F.
0101 **(01471)** Yuh, J.
MW 3:30pm-4:45pm (SQH 1121)

AMST429D *(PermReq)* **Perspectives on Popular Culture: Children and Television; (3)** REG.
0101 **(01344)** Zurawik, D.
MWF 3:00pm-3:50pm (TLF 1103)

AMST429G *(PermReq)* **Perspectives on Popular Culture: Families and Popular Culture; (3)** REG.
0101 **(01354)** Parks, S.
Tu 2:00pm-4:30pm (TLF 1103)

AMST432 *(PermReq)* **Literature and American Society; (3)** REG/AUD. *Prerequisite: prior course in AMST, SOCY, American literature, or American history.*
0101 **(01364)** Kelly, R.
TuTh 9:30am-10:45am (TLF 2137)

AMST450 *(PermReq)* **Seminar in American Studies; (3)** REG. *Prerequisite: nine hours prior coursework in American Studies, including AMST 201. Senior standing. For AMST majors only.*
0101 **(01374)** Kelly, G.
TuTh 12:30pm-1:45pm (TLF 2137)

AMST601 Introductory Seminar in American Studies; (3) REG.
0101 **(01384)** Lounsbury, M.
M 4:00pm-6:40pm (TLF 2137)

AMST628B Seminar in American Studies: Popular Culture; (3) REG/AUD.
0101 **(01394)** Mintz, L.
W 4:00pm-6:40pm (TLF 1103)

AMST628X Seminar in American Studies: Historiography of Costume and Textiles; (3) REG.
0101 **(01395)** Paoletti, J.
W 6:30pm-9:00pm (TLF 2137)

AMST629L *(PermReq)* **Seminar in American Studies: Interpretation of Cultural Landscapes; (3)** REG.
0101 **(01404)** Sies, M.
Time and room to be arranged

AMST638 Orientation Seminar: Material Aspects of American Civilization; (3) REG/AUD. Class meets at the Smithsonian Arts and Industries Building on Thursdays from 1-4pm. Class begins on August 28. Taught by Edie Mayo.
0101 **(01414)** STAFF
Meets 08/28/97-12/04/97
Time and room to be arranged

AMST638C Orientation Seminar: Material Aspects of American Civilization: Introduction to Museum Studies; (3) REG/AUD.
0101 **(01424)** Finn, B.
W 3:00pm-5:30pm (Arranged)

AMST639A *(PermReq)* **Reading Course in Selected Aspects of American Civilization: Decorative Arts in America; (3)** REG/AUD. Class meets at the Smithsonian Arts and Industries Building on Thursdays from 10am-12:30pm. Class begins August 28.
0101 **(01434)** Carson, B.
Meets 08/28/97-12/04/97
Time and room to be arranged

AMST698 *(PermReq)* **Directed Readings in American Studies; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

AMST799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

AMST899 Doctoral Dissertation Research; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

ANSC Animal Science
(Agriculture and Natural Resources)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

ANSC101 Principles of Animal Science; (3) REG/P-F/AUD. Course is offered in fall semester only.
0101 **(01550)** Dahl, G.
MW 1:00pm-1:50pm (ANS 0408)
Tu 12:00pm-1:50pm (ANS 1144) Lab
0102 **(01551)** Dahl, G.
MW 1:00pm-1:50pm (ANS 0408)
Tu 2:00pm-3:50pm (ANS 1144) Lab
0103 **(01552)** Dahl, G.
MW 1:00pm-1:50pm (ANS 0408)
Th 12:00pm-1:50pm (ANS 1144) Lab
0104 **(01553)** Dahl, G.
MW 1:00pm-1:50pm (ANS 0408)
Th 2:30pm-4:20pm (ANS 1144) Lab
0105 **(01554)** Dahl, G.
MW 1:00pm-1:50pm (ANS 0408)
W 10:00am-11:50am (ANS 1144) Lab

ANSC211 Anatomy of Domestic Animals; (4) REG/P-F/AUD. CORE LL *Prerequisite: BIOL 105.* Course is offered in fall semester only.
0101 **(01564)** Gasper, P.
MWF 2:00pm-2:50pm (ANS 0408)
M 3:00pm-4:50pm (ANS 4132) Lab
0102 **(01565)** Gasper, P.
MWF 2:00pm-2:50pm (ANS 0408)
W 3:00pm-4:50pm (ANS 4132) Lab
0103 **(01566)** Gasper, P.
MWF 2:00pm-2:50pm (ANS 0408)
F 11:00am-12:50pm (ANS 4132) Lab

ANSC215 Comparative Animal Nutrition; (3) REG/P-F/AUD. *Prerequisites: ANSC 101 and (CHEM 104 or CHEM 233). Formerly ANSC 402.* Course is offered in fall semester only.
0101 **(01576)** Soares, J.
MWF 11:00am-11:50am (ANS 0408)

ANSC220 Livestock Management; (4) REG/P-F/AUD. *Prerequisite: ANSC 101. Formerly ANSC 221.* Course is offered in fall semester only
0101 **(01586)** STAFF
TuTh 9:30am-11:30am (ANS 0408)

ANSC252 Introduction to the Diseases of Wildlife; (3) REG/P-F/AUD. *Prerequisite: BIOL 105 or equivalent or permission of department.* Course is offered in fall semester only.
0101 **(01596)** Driscoll, C.
M 4:00pm-5:50pm (ANS 0408)
M 6:00pm-6:50pm (ANS 0408) Dis
0102 **(01896)** Driscoll, C.
M 4:00pm-5:50pm (ANS 0408)
W 5:00pm-5:50pm (ANS 0408) Dis
0103 **(01897)** Driscoll, C.
M 4:00pm-5:50pm (ANS 0408)
W 4:00pm-4:50pm (ANS 0408) Dis

ANSC386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

ANSC399 *(PermReq)* **Special Problems in Animal Science; (1-2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ANSC413 Laboratory Animal Management; (3) REG/P-F/AUD. Course is offered in fall semester only.
0101 **(01675)** Nepote, K.
WF 1:00pm-1:50pm (ANS 0412)
F 2:00pm-4:50pm (ANS 1144) Lab

ANSC420 Animal Production Systems; (4) REG/P-F/AUD. *Prerequisites: ANSC 101, ANSC 220, and (ANSC 240 or ANSC 262). Formerly ANSC 423.*
0101 **(01685)** Erdman, R.
MF 8:00am-9:00am (ANS 0402)
MF 9:00am-11:00am (ANS 0402) Lab

ANSC446 Physiology of Mammalian Reproduction; (3) REG/P-F/AUD. *Prerequisite: ZOOL 422 or ANSC 212.* Course is offered in fall semester only. This course is team taught by Dr. Ottinger and Dr. Varner
0101 **(01695)** Ottinger, M.
TuTh 2:00pm-3:30pm (ANS 0408)

ANSC447 Physiology of Mammalian Reproduction Laboratory; (1) REG/P-F/AUD. *Pre- or corequisite: ANSC 446.*
0101 **(01705)** Varner, M.
W 3:00pm-5:00pm (ANS 1144)

ANSC451 Dairy Products Processing; (3) REG. *Recommended: CHEM 103 or equivalent. Formerly NFSC 451.*
0101 **(01715)** Rankin, S.
MW 1:00pm-2:00pm (ANS 0402)
F 1:00pm-3:00pm (ANS 0402) Lab

ANSC455 Applied Animal Behavior; (3) REG/P-F/AUD. *Prerequisites: (ANSC 101 or BIOL 106) and BIOL 222.* Course is offered in fall semester only.
0101 **(01725)** Stricklin, W.
MF 10:00am-10:50am (ANS 0412)
W 10:00am-11:50am (ANS 0412) Lab

ANSC489 Current Topics in Animal Science; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ANSC489D Current Topics in Animal Science: Animal Management Practicum; (2) REG/P-F/AUD. Prerequisite: ANSC 101. Three additional hours per week to be arranged. Contact ANSC undergraduate office for information. Manditory field trip Oct. 25th.
0101 **(01761)** Keyser, R.
W 3:00pm-5:50pm (ANS 0412)

ANSC489F Current Topics in Animal Science: Introduction to Aquaculture and the Culture and the Propogation of Striped Bass; (2) REG/P-F/AUD.
0101 **(01771)** Woods, L.
Th 11:30am-1:30pm (ANS 0408)

ANSC660 Poultry Literature; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ANSC663 Advanced Nutrition Laboratory; (3) REG/AUD. *Prerequisite: ANSC 401; and either BCHM 462 or NFSC 670.* Course is offered in fall semester only.
0101 **(01786)** Doerr, J.
Time and room to be arranged

ANSC688 Special Topics: Graduate Seminar in Mathematical Techniques in Physiology and Nutrition; (2) REG/AUD.
0101 **(01787)** Kohn, R.
W 8:00am-10:00am (ANS 0402)

ANSC698A Seminar: Recent Advances in Animal and Avian Sciences; (1) REG/AUD. Credit will be granted for ANSC 698A and ANSC 698C.
0101 **(01796)** Stricklin, W.
Tu 12:30pm-1:30pm (ANS 0408)

ANSC698D *(PermReq)* **Seminar: Graduate Seminar in Aquaculture Nutrition; (1)** REG/AUD.
0101 **(01806)** Soares, J.
Time and room to be arranged

ANSC699 *(PermReq)* **Special Problems in Animal Science; (1-2)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ANSC799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ANSC899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ANTH Anthropology
(Behavioral and Social Sciences)

ANTH220 Introduction to Biological Anthropology; (4) REG/AUD. CORE: LL DIVERSITY *Credit will be granted for only one of the following: ANTH 101 or ANTH 220. Formerly ANTH 101.*
0101 **(01945)** Jackson, F.
TuTh 11:00am-12:15pm (PLS 1140)
W 8:00am-10:00am (WDS 0104) Lab
0102 **(01946)** Jackson, F.
TuTh 11:00am-12:15pm (PLS 1140)
W 11:00am-1:00pm (WDS 0104) Lab
0103 **(01947)** Jackson, F.
TuTh 11:00am-12:15pm (PLS 1140)
W 2:00pm-4:00pm (WDS 0104) Lab
0104 **(01948)** Jackson, F.
TuTh 11:00am-12:15pm (PLS 1140)
M 2:00pm-4:00pm (WDS 0104) Lab
0105 **(01949)** Jackson, F.
TuTh 11:00am-12:15pm (PLS 1140)
M 11:00am-1:00pm (WDS 0104) Lab

ANTH240 Introduction to Archaeology; (3) REG/P-F/AUD. CORE: SB DIVERSITY *Credit will be granted for only one of the following: ANTH 240 or ANTH 241. Formerly ANTH 241.*
0101 **(01959)** Shackel, P.
TuTh 12:30pm-1:45pm (WDS 1114)
0201 **(01960)** Leone, M.
MWF 10:00am-10:50am (WDS 0104)

ANTH240+ Introduction to Archaeology; (3) REG/P-F/AUD. CORE: SB DIVERSITY *Credit will be granted for only one of the following: ANTH 240 or ANTH 241. Formerly ANTH 241.* Restricted to students in a First Year Focus Cluster.
0201 **(01970)** Leone, M.
MWF 10:00am-10:50am (WDS 0104)

ANTH260 Introduction to Sociocultural Anthropology and Linguistics; (3) REG. CORE: SB DIVERSITY *Credit will be granted for only one of the following: ANTH 102 or ANTH 260. Formerly ANTH 102.*
0101 **(01980)** Freidenberg, J.
TuTh 9:30am-10:45am (WDS 1114)
0201 **(01981)** Williams, A.
MWF 10:00am-10:50am (WDS 1114)

ANTH260+ Introduction to Sociocultural Anthropology and Linguistics; (3) REG. CORE: SB DIVERSITY *Credit will be granted for only one of the following: ANTH 102 or ANTH 260. Formerly ANTH 102.* Restricted to students in a First Year Focus Cluster.
0201 **(01991)** Williams, A.
MWF 10:00am-10:50am (WDS 1114)

ANTH298A *(PermReq)* **Special Topics in Anthropology; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ANTH298C Special Topics in Anthropology: Contemporary American Cultures; (3) REG. CORE: SB DIVERSITY
0101 **(51693)** Caughey, J.
TuTh 11:00am-12:15pm (TLF 1103)

ANTH328T *(PermReq)* **Undergraduate TA in Bioanthropology; (1-3)** REG/P-F/AUD.
0101 **(02400)** Jackson, F.
Time and room to be arranged

ANTH360 Method and Theory in Sociocultural Anthropology; (3) REG/P-F/AUD. *Prerequisite: ANTH 260.*
0101 **(02002)** Stuart, W.
TuTh 2:00pm-3:15pm (WDS 1114)

ANTH368F Regional Ethnography: Film Images of Native America; (3) REG/P-F/AUD.
0101 **(02012)** Williams, A.
W 6:00pm-9:40pm (WDS 1114)

ANTH368M Regional Ethnography: Native Cultures of MesoAmerica; (3) REG/P-F/AUD.
0101 **(02022)** Williams, A.
MWF 1:00pm-1:50pm (WDS 1114)

ANTH380 Culture and Discourse; (3) REG/P-F/AUD. *Prerequisite: ANTH 260 or equivalent or permission of department. Recommended: LING 200 or equivalent. Credit will be granted for only one of the following: ANTH 380 or ANTH 371. Formerly ANTH 371.* Offered fall only.
0101 **(02032)** Kedar, L.
TuTh 8:00am-9:15am (WDS 1114)

ANTH386 *(PermReq)* **Experiential Learning; (3-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor; upper division status; permission of department. Recommended: completion of advanced courses in relevant subfield of anthropology. 56 semester hours. For ANTH majors only.*

ANTH398A *(PermReq)* **Independent Study: Research Problems; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ANTH398R Independent Study: Proseminar-Capstone Research and Writing; (1) REG/P-F/AUD. Required course for ANTH students undertaking capstone research and/or thesis (must be taken concurrently with ANTH 476, ANTH 477, ANTH 486, ANTH 487).
0101 **(02080)** Stuart, W.
W 2:00pm-3:00pm (WDS 1130)

ANTH428G Special Topics in Bioanthropology: Bioanthropology of Genomic Models; (3) REG/P-F/AUD.
0101 **(02090)** Jackson, F.
Tu 8:00am-10:40am (PLS 1117)

ANTH440 Historical Archaeology; (3) REG/P-F/AUD. *Prerequisite: ANTH 240.*
0101 **(02110)** Shackel, P.
M 6:00pm-8:40pm (WDS 1114)

ANTH448D *(PermReq)* **Special Topics in Archaeology: AutoCAD for Anthropologists; (3)** REG/P-F/AUD.
0101 **(02120)** Buckler, J.
M 3:00pm-5:40pm (WDS 1128)

ANTH464 Sustainable Grassroots Development; (3) REG/P-F/AUD. *Prerequisite: ANTH 262 or equivalent.*
0101 **(02130)** Freidenberg, J.
TuTh 3:30pm-4:45pm (WDS 1114)

ANTH468C Special Topics in Cultural Anthropology: Culture, Health and Community Development; (3) REG/P-F/AUD.
0101 **(02140)** Whitehead, T.
Th 6:00pm-8:40pm (WDS 1114)

ANTH468P Special Topics in Cultural Anthropology: Cults, Charisma, Commitment, and Conversion; (3) REG/P-F/AUD.
0101 **(02150)** Stuart, W.
TuTh 11:00am-12:15pm (WDS 1114)

ANTH468R Special Topics in Cultural Anthropology: Resource Management and Cultural Process; (3) REG/P-F/AUD.
0101 **(02170)** Paolisso, M.
Th 6:00pm-8:40pm (WDS 0104)

ANTH476 Senior Research; (3-4) REG/P-F/AUD. *For ANTH majors only. Credit will be granted for only one of the following: ANTH 476 or ANTH 486.*
0101 **(02190)** STAFF
Time and room to be arranged

ANTH477 *(PermReq)* **Senior Thesis; (3-4)** REG/P-F/AUD. *Prerequisite: ANTH 476; permission of department. For ANTH majors only. Credit will be granted for only one of the following: ANTH 477 or ANTH 487.*
0101 **(02200)** STAFF
Time and room to be arranged

ANTH486 *(PermReq)* **Honors Research; (3-4)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: permission of department; admission to University Honors Program or Anthropology Honors Program. For ANTH majors only. Credit will be granted for only one of the following: ANTH 486 or ANTH 496.*

ANTH487 *(PermReq)* **Honors Thesis; (3-4)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: ANTH 486; permission of department; admission to University Honors Program or Anthropology Honors Program. For ANTH majors only. Credit will be granted for only one of the following: ANTH 487 or ANTH 497.*

ANTH601 Applied Anthropology; (3) REG. Offered fall only.
0101 **(02234)** Chambers, E.
Tu 6:00pm-8:40pm (SKN 1112)

ANTH606 Methods of Cultural Analysis I; (3) REG. Offered fall only.
0101 **(02244)** Whitehead, T.
W 6:00pm-8:40pm (WDS 0104)

ANTH688 *(PermReq)* **Current Developments in Anthropology; (3)** REG/AUD.
0101 **(02254)** STAFF
Time and room to be arranged

ANTH689A *(PermReq)* **Special Problems in Anthropology; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ANTH689C Special Problems in Anthropology: Culture, Health and Community Development; (3) REG/AUD.
0101 **(02276)** Whitehead, T.
Th 6:00pm-8:40pm (WDS 1114)

ANTH689D *(PermReq)* **Special Problems in Anthropology: AutoCAD for Anthropologists; (3)** REG.
0101 **(02286)** Buckler, J.
M 3:00pm-5:40pm (WDS 1128)

ANTH689G Special Problems in Anthropology: Bioanthropology of Genomic Models; (3) REG/AUD.
0101 **(02296)** Jackson, F.
Tu 8:00am-10:40am (PLS 1117)

ANTH689I Special Problems in Anthropology: Historical Archaeology; (3) REG/AUD.
0101 **(02306)** Shackel, P.
M 6:00pm-8:40pm (WDS 1114)

ANTH689K Special Problems in Anthropology: Culture and Discourse; (3) REG/AUD.
0101 **(02316)** Kedar, L.
TuTh 8:00am-9:15am (WDS 1114)

ANTH689P Special Problems in Anthropology: Cults, Charisma, Commitment and Conversion; (3) REG/AUD.
0101 **(02336)** Stuart, W.
TuTh 11:00am-12:15pm (WDS 1114)

ANTH689R Special Problems in Anthropology: Resource Management and Cultural Process; (3) REG/AUD.
0101 **(02356)** Paolisso, M.
Th 6:00pm-8:40pm (WDS 0104)

ANTH689U Special Problems in Anthropology: Sustainable Grassroots Development; (3) REG/AUD.
0101 **(02366)** Freidenberg, J.
TuTh 3:30pm-4:45pm (WDS 1114)

ANTH705 *(PermReq)* **Internship; (3-12)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: ANTH 701.*

ANTH712 *(PermReq)* **Internship Analysis; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: ANTH 705.*

ARCH Architecture
(Architecture)

ARCH170 Introduction to the Built Environment; (3) REG/P-F/AUD. CORE: HA
0101 **(02449)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
F 9:00am-9:50am (ARC 1123) Dis
0102 **(02450)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
W 12:00pm-12:50pm (ARC 1101) Dis
0103 **(02451)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
Th 11:00am-11:50am (JMZ 2207) Dis
0104 **(02452)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
Th 12:30pm-1:30pm (ARC 1127) Dis
0105 **(02453)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
W 12:00pm-12:50pm (ARC 1103) Dis
0106 **(02454)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
W 1:00pm-1:50pm (ARC 1103) Dis
0107 **(02455)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
Th 11:00am-11:50am (ARC 1103) Dis
0108 **(02456)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
M 1:00pm-1:50pm (ARC 1127) Dis
0109 **(02457)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
Tu 12:30pm-1:20pm (ARC 1101) Dis
0110 **(02458)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
Tu 12:30pm-1:20pm (ARC 1121) Dis
0111 **(02459)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
W 1:00pm-1:50pm (ARC 1101) Dis
0112 **(02460)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
W 1:00pm-1:50pm (ARC 1123) Dis
0113 **(02461)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
M 11:00am-11:50am (ARC 1103) Dis
0201 **(02462)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
F 12:00pm-12:50pm (ARC 1101) Dis
0202 **(02463)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
F 11:00am-11:50am (ARC 1121) Dis
0203 **(02464)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
W 12:00pm-12:50pm (ARC 1127) Dis
0204 **(02465)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
W 12:00pm-12:50pm (ARC 1121) Dis
0205 **(02466)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
F 1:00pm-1:50pm (ARC 1103) Dis
0206 **(02467)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
F 12:00pm-12:50pm (ARC 1105) Dis
0207 **(02468)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
M 1:00pm-1:50pm (ARC 1123) Dis
0208 **(02469)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
M 1:00pm-1:50pm (ARC 1101) Dis
0209 **(02470)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
M 1:00pm-1:50pm (ARC 1103) Dis
0210 **(02471)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
Tu 12:30pm-1:20pm (ARC 1127) Dis
0211 **(02472)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
Tu 12:30pm-1:20pm (ARC 1125) Dis
0212 **(02473)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
Tu 12:30pm-1:20pm (ARC 1123) Dis

ARCH220 History of Architecture I; (3) REG/P-F/AUD. Offered fall only.
0101 **(02483)** Etlin, R.
TuTh 9:30am-10:45am (ARC 0204)

ARCH242 Drawing I; (2) REG/P-F/AUD. Architecture majors only
0101 **(02493)** Hill, J.
F 9:00am-10:50am (ARC 1103)
M 11:00am-1:00pm (ARC 1121) Lab
0102 **(02494)** Hill, J.
F 9:00am-10:50am (ARC 1103)
W 10:00am-12:00pm (ARC 1121) Lab
0103 **(02495)** Hill, J.
F 9:00am-10:50am (ARC 1103)
W 12:00pm-2:00pm (ARC 1125) Lab
0104 **(02496)** Hill, J.
F 9:00am-10:50am (ARC 1103)
Tu 4:00pm-6:00pm (ARC 1101) Lab

ARCH386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* Contact David Fogle

ARCH400 *(PermReq)* **Architecture Studio I; (6)** REG/P-F/AUD. *Prerequisite: ARCH majors only.* Offered fall only.
0101 **(02523)** Kelly, B.
MWF 2:00pm-6:00pm (ARC 0204)
MWF 2:00pm-6:00pm (ARC 1121) Lab
0102 **(02524)** Gilliand, J.
MWF 2:00pm-6:00pm (ARC 0204)
MWF 2:00pm-6:00pm (ARC 0204) Lab
Section 0102 is recommended for 3 1/2 year graduate students only
0103 **(02525)** STAFF
MWF 2:00pm-6:00pm (ARC 0101)
MWF 2:00pm-6:00pm (ARC 0204) Lab
0104 **(02526)** Goodill, M.
MWF 2:00pm-6:00pm (ARC 0101)
MWF 2:00pm-6:00pm (ARC 0204) Lab
Section 0104 is for 3 1/2 year graduate students only
0105 **(02527)** STAFF
MWF 2:00pm-6:00pm (ARC 1127)
MWF 2:00pm-6:00pm (ARC 0204) Lab
0106 **(02528)** STAFF
MWF 2:00pm-6:00pm (ARC 1123)
MWF 2:00pm-6:00pm (ARC 0204) Lab

ARCH402 *(PermReq)* **Architecture Studio III; (6)** REG/P-F/AUD. *Prerequisite: ARCH 401 with a grade of C or better. For ARCH majors only.* Offered fall only.
0101 **(02538)** Hill, J.
MWF 2:00pm-6:00pm (ARC 1103)
MWF 2:00pm-6:00pm (ARC 1123) Lab
0102 **(02539)** Lewis, R.
MWF 2:00pm-6:00pm (ARC 1101)
MWF 2:00pm-6:00pm (ARC 1101) Lab
Section 0102 is recommended for 3 1/2 year graduate students only.
0103 **(02540)** Bennett, R.
MWF 2:00pm-6:00pm (ARC 0101)
MWF 2:00pm-6:00pm (ARC 0204) Lab
0104 **(02541)** Schlesinger, B.
MWF 2:00pm-6:00pm (ARC 0101)
MWF 2:00pm-6:00pm (ARC 0204) Lab
Path B- 3 1/2 year graduate students only.
0105 **(02542)** Dupuy, K.
MWF 2:00pm-6:00pm (ARC 1125)
MWF 2:00pm-6:00pm (ARC 0204) Lab

ARCH408 *(PermReq)* **Selected Topics in Architecture Studio: Architecture Studio Elective; (3-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: ARCH 403 or equivalent. ARCH majors only. Contact Stephen Sachs for information.

ARCH410 *(PermReq)* **Technology I; (4)** REG/P-F/AUD. *Prerequisites: MATH 220; and [(PHYS 121 and PHYS 122) or PHYS 117]. Corequisite: ARCH 400. For ARCH majors only.* Offered fall only.
0101 **(02569)** Bovill, C.
TuTh 10:30am-12:30pm (ARC 1105)

ARCH412 *(PermReq)* **Technology III; (4)** REG/P-F/AUD. *Prerequisite: ARCH 411. Corequisite: ARCH 402. For ARCH majors only.* Offered fall only.
0101 **(02579)** Jurmala, P.
TuTh 10:30am-12:30pm (ARC 1101)

ARCH419 *(PermReq)* **Independent Studies in Architectural Science; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact Carl Bovill for course information.

ARCH423 *(PermReq)* **History of Roman Architecture; (3)** REG/P-F/AUD. *Prerequisite: ARCH 220 or permission of department.*
0101 **(02606)** Vann, R.
TuTh 9:00am-10:30am (ARC 1101)

ARCH426 *(PermReq)* **Fundamentals of Architecture; (3)** REG/AUD. *Prerequisite: admission to 3 1/2 year M. ARCH program.* Offered fall only.
0101 **(02616)** Etlin, R.
TuTh 2:00pm-3:15pm (ARC 1125)

ARCH429 *(PermReq)* **Independent Studies in Architectural History; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact L. Vann for course information. Majors only.

ARCH435 History of Contemporary Architecture; (3) REG/P-F/AUD. *For ARCH majors only.*
0101 **(02643)** Gournay, I.
TuTh 12:30pm-1:45pm (ARC 1105)

ARCH436 *(PermReq)* **History of Islamic Architecture; (3)** REG/P-F/AUD. *Prerequisite: ARCH 220 or permission of department.*
0101 **(02653)** Vann, R.
TuTh 2:00pm-3:15pm (ARC 1101)

ARCH443 *(PermReq)* **Visual Communication; (2)** REG. *Prerequisite: admission to the 3 1/2 year M. ARCH program. For ARCH majors only.* Offered fall only.
0101 **(02663)** Goodill, M.
F 11:00am-12:15pm (ARC 1127)
W 11:00am-12:15pm (ARC 1105)

ARCH449 *(PermReq)* **Independent Studies in Visual Studies; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact Stephen Sachs for information. Majors only.

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

ARCH450 *(PermReq)* **Introduction to Urban Planning; (3)** REG/P-F/AUD. Offered fall only.
0101 **(02690)** Levin, M.
TuTh 4:00pm-5:30pm (KEY 0126)

ARCH459 *(PermReq)* **Independent Studies in Urban Planning; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information.

ARCH470 *(PermReq)* **Computer Applications in Architecture; (3)** REG. *Prerequisite: ARCH 400 or permission of department.* ARCH majors only.
0101 **(02717)** Sachs, S.
W 9:00am-10:50am (ARC 1127)
F 9:00am-10:50am (ARC 1127) Lab

ARCH478S *(PermReq)* **Selected Topics in Architecture: Scandinavian Architecture; (3)** REG/P-F/AUD.
0101 **(02727)** Schlesinger, B.
M 7:00pm-10:00pm (ARC 1125)

ARCH479 *(PermReq)* **Independent Studies in Architecture; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information.

ARCH489 *(PermReq)* **Independent Studies in Architectural Preservation; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information.

ARCH600 *(PermReq)* **Architecture Studio V; (6)** REG/AUD. *Prerequisite: ARCH 403 or equivalent.*
0101 **(02771)** Gardner, A.
MWF 2:00pm-6:00pm (ARC 1105)
MWF 2:00pm-6:00pm (ARC 1125) Lab
0102 **(02772)** Bechhoefer, W.
MWF 2:00pm-6:00pm (ARC 0101)
MWF 2:00pm-6:00pm (ARC 0204) Lab
0103 **(02773)** STAFF
MWF 2:00pm-6:00pm (ARC 1101)
MWF 2:00pm-6:00pm (ARC 0204) Lab

ARCH611 *(PermReq)* **Advanced Architecture Technology Seminar; (3)** REG/AUD. *Prerequisite: ARCH 413. Corequisite: ARCH 600. For ARCH majors only.* Offered fall only.
0101 **(02783)** Bovill, C.
TuTh 4:30pm-6:00pm (ARC 1105)
0102 **(02784)** Jurmala, P.
TuTh 4:30pm-6:00pm (ARC 1123)

ARCH635 Seminar in the History of Modern Architecture; (3) REG/AUD. *Prerequisite: ARCH 434 or permission of department.* Offered fall only.
0101 **(02794)** Schumacher, T.
M 9:00am-10:50am (ARC 1127)
W 11:00am-11:50am (ARC 1127)

ARCH674 *(PermReq)* **Seminar in Regionalism; (3)** REG/AUD. *Prerequisite: permission of department.* Offered fall only.
0101 **(02804)** Bechhoefer, W.
W 9:00am-9:50am (ARC 1125)
F 9:00am-11:00am (ARC 1125)

ARCH678 *(PermReq)* **Selected Topics in Architecture; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for course information. ARCH majors only.

ARCH678D *(PermReq)* **Selected Topics in Architecture: Theory of the Detail; (3)** REG/AUD.
0101 **(02831)** Gardner, A.
M 7:00pm-10:00pm (ARC 1127)

ARCH678U *(PermReq)* **Selected Topics in Architecture: Recent Developments in Urban Studies: Seminar in Urban Design Policy; (3)** REG/AUD.
0101 **(02841)** STAFF
W 7:00pm-9:30pm (LEF 1220)

ARCH679 *(PermReq)* **Independent Studies in Architecture; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. ARCH majors only.

ARCH700 *(PermReq)* **Architecture Studio VII; (6)** REG/AUD. *Prerequisite: ARCH 601.*
0101 **(02868)** STAFF
MWF 2:00pm-6:00pm (ARC 1127)
MWF 2:00pm-6:00pm (ARC 0102) Lab

ARCH770 *(PermReq)* **Professional Practice; (3)** REG/AUD. *Prerequisite: ARCH 601.*
0101 **(02878)** Lewis, R.
M 12:00pm-2:00pm (ARC 1105)
F 1:00pm-2:00pm (ARC 1105)

ARCH797 *(PermReq)* **Thesis Proseminar; (3)** REG/AUD. *Prerequisite: ARCH 601.*
0101 **(02888)** Kelly, B.
Time and room to be arranged

ARCH798 *(PermReq)* **Thesis in Architecture; (3)** REG.
0101 **(02898)** Bennett, R.
Tu 2:00pm-4:00pm (ARC 1127)
Tu 2:00pm-4:00pm (Arranged)
0102 **(02899)** Dupuy, K.
MWF 2:00pm-6:00pm (ARC 0101)
MWF 2:00pm-6:00pm (ARC 0204)
0103 **(02900)** STAFF
MWF 2:00pm-6:00pm (ARC 0101)
MWF 2:00pm-6:00pm (ARC 0204)
0104 **(02901)** STAFF
MWF 2:00pm-6:00pm (ARC 0101)
MWF 2:00pm-6:00pm (ARC 0204)

ARCH799 *(PermReq)* **Master's Thesis Research; (1-6)** REG.
0101 **(02911)** STAFF
Time and room to be arranged Lab
Time and room to be arranged Dis
0102 **(02912)** STAFF
MWF 2:00pm-6:00pm (ARC 0101) Lab
MWF 2:00pm-6:00pm (ARC 0204) Dis
0103 **(02913)** STAFF
MWF 2:00pm-6:00pm (ARC 0101) Lab
MWF 2:00pm-6:00pm (ARC 0101) Dis
0104 **(02914)** STAFF
MWF 2:00pm-6:00pm (ARC 0101) Lab
MWF 2:00pm-6:00pm (ARC 0204) Dis

AREC Agricultural and Resource Economics
(Agriculture and Natural Resources)

AREC240 Introduction to Economics and the Environment; (3) REG/P-F/AUD. CORE: SB
0101 **(02964)** Hueth, D.
MW 8:00am-9:15am (SYM 0200)
F 8:00am-9:00am (SYM 2109) Dis
0102 **(02965)** Hueth, D.
MW 8:00am-9:15am (SYM 0200)
F 9:00am-10:00am (SYM 2109) Dis

AREC250 Elements of Agricultural and Resource Economics; (3) REG/P-F/AUD. CORE: SB
0101 **(02974)** Horowitz, J.
TuTh 9:30am-10:45am (SYM 0200)

AREC365 World Hunger, Population, and Food Supplies; (3) REG/P-F/AUD. DIVERSITY
0101 **(02984)** Leathers, H.
MWF 11:00am-11:50am (SHM 2101)

AREC386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

AREC399 Special Problems; (1-2) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

AREC414 Agricultural Business Management; (3) REG/P-F/AUD. *Prerequisite: ECON 306.*
0101 **(03026)** Cain, J.
TuTh 12:30pm-1:45pm (SYM 2109)

AREC427 Economics of Agricultural Marketing Systems; (3) REG/P-F/AUD. *Prerequisite: ECON 306.*
0101 **(03036)** McNew, K.
TuTh 11:00am-12:15pm (SYM 2109)

AREC433 Food and Agricultural Policy; (3) REG/P-F/AUD. *Prerequisite: ECON 306.*
0101 **(03046)** Hueth, D.
TuTh 2:00pm-3:15pm (SYM 2109)

AREC620 Optimization in Agricultural and Resource Economics; (3) REG/AUD. *Three hours of lecture and one and one-half hours of discussion per week. Prerequisite: differential calculus and one course in matrix or linear algebra.*
0101 **(03056)** Strand, I.
MW 8:30am-9:45am (SYM 2109)

AREC623 Applied Econometrics I; (4) REG/AUD. *Three hours of lecture and one and one-half hours of discussion per week.* This course is co-taught by Dr. Bockstael and Dr. Just.
0101 **(03066)** Just, R.
MWF 10:00am-11:30am (SYM 2109)

AREC625 Economic Welfare Analysis; (3) REG/AUD. *Credit will be granted for only one of the following: AREC 625 or AREC 825.*
0101 **(03076)** Bockstael, N.
MW 12:30pm-1:45pm (SYM 2109)

AREC645 International Agricultural and Natural Resource Development; (3) REG/AUD. *Credit will be granted for only one of the following: AREC 645 or AREC 845.*
0101 **(51740)** Lopez, R.
TuTh 9:00am-10:30am (SYM 2109)

AREC689P Special Topics in Agricultural and Resource Economics: Applications of Microeconomics to Environmental and Resource Issues; (3) REG/AUD.
0101 **(03097)** Strand, I.
MW 4:30pm-6:00pm (SYM 1308)

AREC699 *(PermReq)* **Special Problems in Agricultural and Resource Economics; (1-2)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

AREC799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

AREC825 Advanced Economic Welfare Analysis; (3) REG/AUD. *Credit will be granted for only one of the following: AREC 625 or AREC 825.* This course is co-taught by Dr. Bockstael and Dr. Just.
0101 **(03150)** Bockstael, N.
MW 12:30pm-1:45pm (SYM 2109)

AREC829 Topics in Applied Econometrics; (3) REG/AUD.
0101 **(03160)** Nerlove, M.
MW 3:30pm-5:00pm (SYM 2109)
Time and room to be arranged Dis

AREC845 Advanced International Agricultural and Natural Resource Development; (3) REG/AUD. *Credit will be granted for only one of the following: AREC 645 or AREC 845.*
0101 **(03170)** Lopez, R.
TuTh 9:00am-10:30am (SYM 2109)

AREC869 Advanced Topics in Agricultural Economics; (3) REG/AUD.
0101 **(03180)** McConnell, K.
F 3:15pm-4:30pm (SYM 2109)
W 2:00pm-3:15pm (SYM 2109)

AREC899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ARHU Arts and Humanities
(Arts and Humanities)

ARHU100H Honors Humanities Seminar: Imagining the Revolution: Liberty, Equality, and the Legacy of 1789; (3) REG. CORE: HL Restricted to Honors Humanities students.
0101 **(03264)** Lanser, S.
Tu 2:00pm-3:15pm (SQH 1120)
Th 2:00pm-3:15pm (SQH 1121)

ARHU108H Honors Humanities Colloquium; (1) REG. Restricted to Honors Humanities students.
0101 **(03279)** Spiro, M.
Time and room to be arranged

ARHU109H Honors Humanities Colloquium; (1) REG. Restricted to Honors Humanities students.
0101 **(03280)** Spiro, M.
Time and room to be arranged

ARHU208H Vermeer and Dutch Genre Traditions; (3) REG. CORE: HA Restricted to Honors Humanities students.
0101 **(03266)** Wheelock, A.
M 3:00pm-5:15pm (ASY 4306)

ARHU386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

ARHU439 Interdisciplinary Studies in Arts and Humanities: European Business Cultures; (3) REG/P-F/AUD.
0101 **(03278)** Hinshaw, J.
TuTh 2:00pm-3:15pm (JMZ 0120)

ARSC Air Science
(Special Programs)

ARSC100 The Air Force Today I; (1) REG. An elective but required for freshmen desiring the four-year AFROTC program. Military cadets must also enroll in ARSC 159.
0101 **(03327)** Newton, D.
Tu 10:00am-10:50am (COL 3111)
0102 **(03328)** Newton, D.
Th 10:00am-10:50am (COL 3112)
0103 **(03329)** Newton, D.
Th 2:00pm-2:50pm (COL 3112)

ARSC159 Air Force Officer Lab; (1) S-F. Corequisite: any other ARSC class. Open only to AFROTC cadets. Only cadets with class conflicts at 0800 may attend the 0600 lab with approval of instructor.
0101 **(03340)** Reid, E.
Th 7:00am-9:00am (ARM 0135)
0111 **(03341)** Reid, E.
Th 6:00am-7:50am (ARM 0135)

ARSC200 The Development of Air Power I; (1) REG/P-F/AUD. An elective, but required for sophomores in the four-year AFROTC program. Military cadets must also enroll in ARSC 159.
0101 **(03351)** STAFF
Th 11:00am-11:50am (COL 3114)
0102 **(03352)** STAFF
Th 3:00pm-3:50pm (COL 3112)
0103 **(03353)** STAFF
Tu 9:00am-9:50am (COL 3112)

ARSC205 *(PermReq)* **The U.S. Air Force and Air Power; (4)** REG. *Open only to applicants selected by AFROTC to compete for entrance into the two-year AFROTC program as a contract cadet.*
0101 **(03364)** Reid, E.
Time and room to be arranged

ARSC310 Management and Leadership I; (3) REG. Required for all juniors in AFROTC. Open to all university students as an elective. Military cadets must also enroll in ARSC 159.
0101 **(03374)** Reid, E.
Th 10:00am-1:00pm (COL 3110)
0201 **(03375)** Reid, E.
TuTh 3:00pm-4:30pm (COL 3114)

ARSC320 National Security Forces in Contemporary American Society I; (3) REG. Required course for all seniors in AFROTC and open to all university students as an elective. Military cadets must also enroll for ARSC 159.
0101 **(03385)** Boland, P.
TuTh 2:00pm-3:30pm (COL 3121)
0201 **(03386)** Boland, P.
Th 9:30am-12:30pm (COL 3111)
0301 **(03388)** Boland, P.
Time and room to be arranged

ARTH Art History & Archaeology
(Arts and Humanities)

ARTH100 Introduction to Art; (3) REG/P-F/AUD. CORE: HA *No credit toward the major can be received for this course.*
0201 **(03438)** Miller, A.
MW 9:00am-9:50am (ASY 2203)
F 9:00am-9:50am (ASY 3203) Dis
0202 **(03439)** Miller, A.
MW 9:00am-9:50am (ASY 2203)
M 10:00am-10:50am (ASY 3211) Dis
0203 **(03440)** Miller, A.
MW 9:00am-9:50am (ASY 2203)
W 10:00am-10:50am (ASY 3211) Dis
0204 **(03441)** Miller, A.
MW 9:00am-9:50am (ASY 2203)
M 11:00am-11:50am (ASY 3215) Dis
0205 **(03442)** Miller, A.
MW 9:00am-9:50am (ASY 2203)
W 11:00am-11:50am (ASY 3215) Dis
0206 **(03443)** Miller, A.
MW 9:00am-9:50am (ASY 2203)
F 10:00am-10:50am (ASY 2309) Dis

ARTH200 Art of the Western World to 1300; (3) REG/P-F/AUD. CORE: HA *Formerly ARTH 260.*
0101 **(03453)** Gerstel, S.
TuTh 9:30am-10:20am (ASY 2203)
M 9:00am-9:50am (ASY 3219) Dis
0103 **(03455)** Gerstel, S.
TuTh 9:30am-10:20am (ASY 2203)
W 9:00am-9:50am (ASY 3211) Dis
0104 **(03456)** Gerstel, S.
TuTh 9:30am-10:20am (ASY 2203)
W 11:00am-11:50am (ASY 3219) Dis
0105 **(03457)** Gerstel, S.
TuTh 9:30am-10:20am (ASY 2203)
F 9:00am-9:50am (ASY 3215) Dis
0106 **(03458)** Gerstel, S.
TuTh 9:30am-10:20am (ASY 2203)
F 10:00am-10:50am (ASY 3219) Dis

ARTH200+ Art of the Western World to 1300; (3) REG/P-F/AUD. CORE: HA *Formerly ARTH 260.* Restricted to students in a First Year Focus Cluster.
0102 **(03468)** Gerstel, S.
TuTh 9:30am-10:20am (ASY 2203)
M 11:00am-11:50am (ASY 3211) Dis

ARTH201 Art of the Western World after 1300; (3) REG/P-F/AUD. CORE: HA *Formerly ARTH 261.*
0101 **(03478)** Hargrove, J.
TuTh 11:00am-11:50am (ASY 2203)
M 10:00am-10:50am (ASY 3215) Dis
0102 **(03479)** Hargrove, J.
TuTh 11:00am-11:50am (ASY 2203)
M 11:00am-11:50am (ASY 3221) Dis
0103 **(03480)** Hargrove, J.
TuTh 11:00am-11:50am (ASY 2203)
W 10:00am-10:50am (ASY 3215) Dis
0104 **(03481)** Hargrove, J.
TuTh 11:00am-11:50am (ASY 2203)
W 11:00am-11:50am (ASY 3221) Dis
0201 **(03484)** STAFF
MW 11:00am-11:50am (ASY 2309)
M 9:00am-9:50am (ASY 3215) Dis
0202 **(03485)** STAFF
MW 11:00am-11:50am (ASY 2309)
M 10:00am-10:50am (ASY 3219) Dis
0203 **(03486)** STAFF
MW 11:00am-11:50am (ASY 2309)
W 9:00am-9:50am (ASY 3215) Dis
0204 **(03487)** STAFF
MW 11:00am-11:50am (ASY 2309)
F 9:00am-9:50am (ASY 3219) Dis

ARTH275 Art and Archaeology of Africa; (3) REG/P-F/AUD. CORE: HA DIVERSITY *Formerly ARTH 284.*
0101 **(03497)** Eyo, E.
MW 11:00am-11:50am (ASY 2203)
W 9:00am-9:50am (ASY 3219) Dis
0102 **(03498)** Eyo, E.
MW 11:00am-11:50am (ASY 2203)
W 10:00am-10:50am (ASY 3219) Dis
0103 **(03499)** Eyo, E.
MW 11:00am-11:50am (ASY 2203)
F 9:00am-9:50am (ASY 3207) Dis
0104 **(03500)** Eyo, E.
MW 11:00am-11:50am (ASY 2203)
F 10:00am-10:50am (ASY 3207) Dis

ARTH289L Special Topics in Art History and Archaeology: Renaissance Sculpture; (3) REG.
0101 **(03503)** Lewis, D.
W 6:00pm-8:30pm (ARC 1127)

ARTH290 Art of Asia; (3) REG/P-F/AUD. CORE: HA DIVERSITY *Formerly ARTH 262.*
0101 **(03512)** Kita, S.
MW 10:00am-10:50am (ASY 2203)
M 9:00am-9:50am (ASY 3211) Dis
0102 **(03513)** Kita, S.
MW 10:00am-10:50am (ASY 2203)
W 9:00am-9:50am (ASY 3221) Dis
0103 **(03514)** Kita, S.
MW 10:00am-10:50am (ASY 2203)
M 11:00am-11:50am (ASY 3219) Dis
0104 **(03515)** Kita, S.
MW 10:00am-10:50am (ASY 2203)
W 11:00am-11:50am (ASY 3211) Dis

ARTH379 *(PermReq)* **Honors Thesis; (3-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ARTH386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

ARTH390 Art of China; (3) REG/P-F/AUD. DIVERSITY *Formerly ARTH 406.*
0101 **(03548)** Kuo, J.
TuTh 11:00am-12:15pm (ASY 3215)

ARTH402 Greek Art and Archaeology; (3) REG/P-F/AUD.
0101 **(03558)** Venit, M.
TuTh 9:30am-10:45am (ASY 3215)

ARTH405 Late Roman and Early Christian Art and Archaeology; (3) REG/P-F/AUD. *Formerly ARTH 410.*
0101 **(03568)** STAFF
TuTh 2:00pm-3:15pm (ASY 3219)

ARTH410 Early Medieval Art; (3) REG/P-F/AUD. *Formerly ARTH 412.*
0101 **(03578)** STAFF
TuTh 11:00am-12:15pm (ASY 3219)

ARTH420 Fourteenth and Fifteenth-Century Northern European Art; (3) REG/P-F/AUD. *Formerly ARTH 416.*
0101 **(03588)** Farquhar, J.
TuTh 3:30pm-4:45pm (ASY 3211)

ARTH430 Seventeenth-Century European Art; (3) REG/P-F/AUD.
0101 **(03598)** Colantuono, A.
TuTh 3:30pm-4:45pm (ASY 3215)

ARTH435 Seventeenth-Century Art in the Netherlands; (3) REG/P-F/AUD. *Formerly ARTH 431.*
0101 **(03608)** Gifford, E.
M 2:00pm-4:40pm (ASY 3215)

ARTH455 Twentieth-Century Art to 1945; (3) REG/P-F/AUD. *Formerly ARTH 450.*
0101 **(03618)** Sharp, J.
TuTh 9:30am-10:45am (ASY 3211)

ARTH466 Feminist Perspectives on Women in Art; (3) REG/P-F/AUD. *Also offered as WMST 466. Credit will be granted for only one of the following: ARTH 466 or WMST 466.*
0101 **(03638)** Withers, J.
TuTh 11:00am-12:15pm (ASY 3211)

ARTH470 Latin American Art and Archaeology before 1500; (3) REG/P-F/AUD.
0101 **(03648)** Miller, A.
W 3:00pm-5:40pm (ASY 3215)

ARTH489A Special Topics in Art History: The Year 800; (3) REG/P-F/AUD.
0101 **(03658)** Gerstel, S.
TuTh 12:30pm-1:45pm (ASY 3211)

ARTH489B Special Topics in Art History: 19th Century Arts of the Black Americas; (3) REG/P-F/AUD.
0101 **(03668)** Holland, J.
TuTh 9:30am-10:45am (ASY 3219)

ARTH489C Special Topics in Art History: Seminar in the Guitar in Art History; (3) REG/P-F/AUD.
0101 **(03678)** Colantuono, A.
TuTh 12:30pm-1:45pm (ASY 3219)

ARTH489D Special Topics in Art History: Seminar in Chinese Art and Archaeology: Chinese Poetry, Calligraphy, and Painting; (3) REG/P-F/AUD.
0101 **(03688)** Kuo, J.
TuTh 2:00pm-3:15pm (ASY 3215)

ARTH489E Special Topics in Art History: 20th Century Arts of the Black Americas; (3) REG/P-F/AUD.
0101 **(03698)** Holland, J.
TuTh 12:30pm-1:45pm (ASY 3215)

ARTH498 *(PermReq)* **Directed Studies in Art History I; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ARTH499 *(PermReq)* **Directed Studies in Art History II; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ARTH608 Studies in Ancient Art and Archaeology; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03753)** Venit, M.
Tu 12:00pm-2:40pm (ASY 4304)

ARTH628 Studies in Fourteenth and Fifteenth Century Northern European Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03763)** Farquhar, J.
Tu 6:00pm-8:40pm (ASY 4304)

ARTH658 Studies in American Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03773)** Kelly, F.
Th 3:00pm-5:40pm (ASY 4304)

ARTH669 Studies in African Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03783)** Eyo, E.
W 4:00pm-6:40pm (ASY 4304)

ARTH748 Seminar in Eighteenth-Century European Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03793)** Pressly, W.
F 12:00pm-2:40pm (ASY 4304)

ARTH749 Seminar in Nineteenth-Century European Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03803)** Hargrove, J.
Tu 3:00pm-5:40pm (ASY 4304)

ARTH768 Seminar in Latin American Art and Archaeology; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03823)** Miller, A.
M 12:00pm-2:40pm (ASY 4304)

ARTH779 Seminar in Japanese Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03833)** Kita, S.
M 3:00pm-5:40pm (ASY 4304)

ARTH798 *(PermReq)* **Directed Graduate Studies in Art History; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. For all non-art history and archaeology graduate students, written permission of the instructor is required.

ARTH799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. For all non-art history and archaeology graduate students, written permission of the instructor is required.

ARTH899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number. For all non-art history and archaeology graduate students, written permission of the instructor is required.

ARTT Art Studio
(Arts and Humanities)

ARTT100 Two Dimensional Art Fundamentals; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ARTT 100, ARTS 100, DESN 101, or APDS 101. Formerly ARTS 100.*
0101 **(03947)** Noto, S.
TuTh 9:00am-11:00am (ASY 2314)
0201 **(03948)** Noto, S.
TuTh 9:00am-11:00am (ASY 2318)
0301 **(03949)** Noto, S.
MW 3:00pm-5:00pm (ASY 2314)
0401 **(03950)** Noto, S.
MW 3:00pm-5:00pm (ASY 2318)
0501 **(03951)** Lapinski, T.
TuTh 12:30pm-2:30pm (ASY 2314)
0601 **(03952)** Lapinski, T.
TuTh 12:30pm-2:30pm (ASY 2318)

ARTT110 Elements of Drawing I; (3) REG. *Formerly ARTS 110.*
0101 **(03962)** Russell, M.
MW 9:00am-11:30am (ASY 2314) Lab
0201 **(03963)** Russell, M.
MW 9:00am-11:30am (ASY 2314) Lab
0301 **(03964)** Richardson, W.
TuTh 12:30pm-3:00pm (ASY 2317) Lab
0401 **(03965)** Richardson, W.
TuTh 12:30pm-3:00pm (ASY 2317) Lab
0501 **(03966)** Craig, P.
TuTh 9:00am-11:30am (ASY 2317) Lab
0701 **(03967)** STAFF
MW 3:00pm-5:30pm (ASY 2321) Lab
0801 **(03968)** STAFF
MW 3:00pm-5:30pm (ASY 2321) Lab

ARTT110+ Elements of Drawing I; (3) REG/P-F/AUD. *Formerly ARTS 110.* Restricted to College Park Scholars - Artists.
0601 **(03976)** Craig, P.
TuTh 9:00am-11:30am (ASY 2321) Lab

ARTT150 Introduction to Art Theory; (3) REG/P-F/AUD. CORE: HA
0101 **(03986)** Klank, R.
MW 1:00pm-1:50pm (ASY 2309)
M 11:00am-11:50am (ARC 1101) Dis
0102 **(03987)** Klank, R.
MW 1:00pm-1:50pm (ASY 2309)
M 2:00pm-2:50pm (ASY 3304) Dis
0103 **(03988)** Klank, R.
MW 1:00pm-1:50pm (ASY 2309)
W 3:00pm-3:50pm (ASY 3304) Dis
0201 **(03989)** Wellman, B.
TuTh 3:30pm-4:20pm (ASY 2309)
Tu 2:00pm-2:50pm (ASY 3304) Dis
0202 **(03990)** Wellman, B.
TuTh 3:30pm-4:20pm (ASY 2309)
Th 1:00pm-1:50pm (ASY 3304) Dis
0203 **(03991)** Wellman, B.
TuTh 3:30pm-4:20pm (ASY 2309)
Th 12:00pm-12:50pm (ARC 1103) Dis

ARTT200 Three Dimensional Art Fundamentals; (3) REG/P-F/AUD. *Prerequisite: ARTT 100. Credit will be granted for only one of the following: ARTT 200, ARTS 200, DESN 102, or APDS 102. Formerly ARTS 200.*
0101 **(04001)** McCarty, J.
TuTh 4:00pm-6:30pm (ASY 1314) Lab
0201 **(04002)** Sham, F.
TuTh 3:00pm-5:30pm (ASY 1311) Lab
0301 **(04003)** STAFF
MW 9:00am-1[illegible]:30am (ASY 1311)

ARTT210 Elements of Drawing II; (3) REG/P-F/AUD. *Prerequisite: ARTT 110. Formerly ARTS 210.*
0101 **(04013)** STAFF
MW 12:30pm-3:00pm (ASY 2317) Lab
0201 **(04014)** STAFF
MW 3:00pm-5:30pm (ASY 2322) Lab
0301 **(04015)** Mandrile, C.
TuTh 3:00pm-5:30pm (ASY 2322) Lab

ARTT250 Elements of Design; (3) REG/P-F/AUD. *Prerequisites: ARTT 100 and ARTT 200.*
0101 **(04025)** Fabiano, F.
MW 9:00am-11:30am (MMH 0401) Lab

ARTT320 Elements of Painting; (3) REG/P-F/AUD. *Prerequisite: ARTT 210. Formerly ARTS 320.*
0101 **(04035)** Kehoe, P.
TuTh 12:30pm-3:00pm (ASY 3322) Lab
0201 **(04036)** Klank, R.
MW 9:00am-11:30am (ASY 3318) Lab
0301 **(04037)** STAFF
MW 3:00pm-5:30pm (ASY 3312) Lab

ARTT330 Elements of Sculpture: Metal Casting; (3) REG/P-F/AUD. *Prerequisites: ARTT 200; and ARTT 210. Formerly ARTS 330.*
0101 **(04047)** Ruppert, J.
MW 12:30pm-3:00pm (ASY 1310) Lab

ARTT331 Elements of Sculpture: Steel; (3) REG/P-F/AUD. *Prerequisites: ARTT 200; and ARTT 210.*
0101 **(04057)** Ruppert, J.
MW 3:00pm-5:30pm (ASY 1314) Lab

ARTT332 Elements of Sculpture: Stone; (3) REG/P-F/AUD. *Prerequisites: ARTT 200; and ARTT 210. Formerly ARTT 335.*
0101 **(04067)** McCarty, J.
TuTh 12:30pm-3:00pm (ASY 1314) Lab

ARTT333 Elements of Sculpture: Wood and Mixed Media; (3) REG/P-F/AUD. *Prerequisites: ARTT 200; and ARTT 210.*
0101 **(04077)** Sham, F.
TuTh 12:30pm-3:00pm (ASY 1311) Lab

ARTT341 Elements of Printmaking: Woodcut and Relief; (3) REG/P-F/AUD. *Prerequisite: ARTT 210. Formerly ARTS 341.*
0101 **(04097)** Forbes, J.
TuTh 12:30pm-3:00pm (ASY 1317) Lab

ARTT344 Elements of Printmaking: Lithography; (3) REG/P-F/AUD. *Prerequisite: ARTT 210. Formerly ARTS 344.*
0101 **(04107)** Blazina, J.
MW 9:00am-11:30am (ASY 1317) Lab
0201 **(04108)** Blazina, J.
MW 12:30pm-3:00pm (ASY 1317) Lab

ARTT350 Elements of Illustration; (3) REG/P-F/AUD. *Prerequisite: ARTT 250.*
0101 **(04118)** Thorpe, J.
TuTh 9:00am-11:30am (MMH 1413) Lab

ARTT351 Elements of Graphic Design; (3) REG/P-F/AUD. *Prerequisite: ARTT 250.* Prerequisite: ARTT 351.
0101 **(04128)** Johnson, A.
MW 12:30pm-3:00pm (MMH 1413) Lab

ARTT352 Three-Dimensional Design Application; (3) REG/P-F/AUD. *Prerequisite: ARTT 250.*
0101 **(04138)** Fabiano, F.
MW 12:30pm-3:00pm (MMH 0401) Lab

ARTT353 Elements of Photography; (3) REG/P-F/AUD. *Prerequisites: (ARTT 100 and ARTT 110) or permission of department.*
0101 **(04148)** Tyroler, B.
TuTh 9:30am-12:00pm (MMH 0401) Lab

ARTT354 Elements of Computer Graphics; (3) REG/P-F/AUD. *Prerequisites: (ARTT 100 and ARTT 110) or permission of department.*
0101 **(04158)** Ratnapala, N.
TuTh 12:30pm-3:00pm (ASY 3311) Lab
0201 **(04159)** STAFF
MW 12:30pm-3:00pm (ASY 3311) Lab

ARTT386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

ARTT418 Drawing: Advanced Drawing; (3) REG/P-F/AUD. Prerequisite: ARTT 210.
0201 **(04189)** Lowe, L.
MW 12:30pm-3:00pm (ASY 2322) Lab

ARTT418B Drawing: Advanced Drawing: A Contemporary Approach to Drawing; (3) REG/P-F/AUD. Prerequisite: ARTT 210.
0101 **(04199)** Kehoe, P.
TuTh 3:00pm-5:30pm (ASY 2318) Lab

ARTT418C Drawing: Advanced Drawing: Works on Paper/Water Based Media; (3) REG. Prerequisite: ARTT 210.
0101 **(04209)** Lapinski, T.
TuTh 9:00am-11:30am (ASY 2315)

ARTT418D Drawing: Advanced Drawing: Drawing and the Surface/Hand Made Paper; (3) REG/P-F/AUD. Prerequisite: ARTT 210.
0101 **(04210)** Pogue, S.
MW 9:00am-11:30am (ASY 3304)

ARTT428 Painting: Advanced Painting; (3) REG/P-F/AUD. Prerequisite: ARTT 320. Section 0101 emphasizes acrylic paint.
0101 **(04219)** Craig, P.
TuTh 12:30pm-3:00pm (ASY 3312) Lab
0201 **(04220)** Richardson, W.
TuTh 9:00am-11:30am (ASY 3312) Lab
0301 **(04221)** Klank, R.
MW 9:00am-11:30am (ASY 3322) Lab

ARTT438 *(PermReq)* **Sculpture: Advanced Metal Casting; (3)** REG/P-F/AUD. Permission of instructor required.
0101 **(04231)** Ruppert, J.
MW 12:30pm-3:00pm (ASY 1310) Lab

ARTT438B Sculpture: Advanced Stone Carving; (3) REG/P-F/AUD. Prerequisite: ARTT 332.
0101 **(04241)** McCarty, J.
TuTh 12:30pm-3:00pm (ASY 1314) Lab

ARTT438C Sculpture: Advanced Steel Sculpture; (3) REG/P-F/AUD. Prerequisite: ARTT 331.
0101 **(04251)** Ruppert, J.
MW 3:00pm-5:30pm (ASY 3322) Lab

ARTT438D *(PermReq)* **Sculpture: Advanced Sculpture in Wood and Mixed Media; (3)** REG/P-F/AUD. Prerequisite: ARTT 333.
0101 **(04261)** Sham, F.
TuTh 12:30pm-3:00pm (ASY 1311) Lab

ARTT448B Printmaking: Advanced Lithography; (3) REG/P-F/AUD. Prerequisite: ARTT 344.
0101 **(04271)** Blazina, J.
MW 12:30pm-3:00pm (ASY 1317) Lab

ARTT448C Printmaking: Advanced Relief and Intaglio; (3) REG/P-F/AUD. Prerequisite: ARTT 340 or ARTT 341.
0101 **(04281)** Forbes, J.
TuTh 4:00pm-6:30pm (ASY 1317) Lab

ARTT458 Graphic Design and Illustration; (3) REG.
0101 **(04291)** Thorpe, J.
TuTh 12:30pm-3:00pm (MMH 1413) Lab

ARTT463 Principles and Theory: African-American Art; (3) REG/P-F. DIVERSITY *Not open to students who have completed ARTH 463. Formerly ARTH 463.*
0101 **(04292)** Driskell, D.
M 3:00pm-5:00pm (ASY 3219)

ARTT468B Seminar on the Interrelationship between Art and Art Theory: Issues in Contemporary Art; (3) REG/P-F/AUD.
0101 **(04301)** Klank, R.
MW 1:00pm-1:50pm (ASY 2309)
W 2:00pm-2:50pm (ASY 3304) Dis

ARTT498 *(PermReq)* **Directed Studies in Studio Art; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. Not available as an elective.

ARTT698 *(PermReq)* **Directed Graduate Studies in Studio Art; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head.

ARTT798 *(PermReq)* **Directed Graduate Studies in Studio Art; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head.

ARTT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ASTR Astronomy
(Computer, Mathematical and Physical Sciences)

ASTR100 Introduction to Astronomy; (3) REG/P-F/AUD. CORE: PS *Credit for ASTR 100 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 250 or higher. Credit will be granted for only one of the following: ASTR 100 or ASTR 101 or ASTR 120.* CORE Physical Science Lab (PL) Course when taken concurrently with ASTR 111. CORE Physical Science (PS) Course when taken alone. Discussion sections do not meet the first week. Attend lecture before coming to discussion section.
0101 **(04438)** Vogel, S.
TuTh 9:30am-10:45am (PHY 1412)
M 9:00am-9:50am (CSS 2400) Dis
0102 **(04439)** Vogel, S.
TuTh 9:30am-10:45am (PHY 1412)
M 2:00pm-2:50pm (CSS 2400) Dis
0103 **(04440)** Vogel, S.
TuTh 9:30am-10:45am (PHY 1412)
Tu 1:00pm-1:50pm (CSS 2400) Dis
0104 **(04441)** Vogel, S.
TuTh 9:30am-10:45am (PHY 1412)
W 9:00am-9:50am (CSS 2400) Dis
0105 **(04442)** Vogel, S.
TuTh 9:30am-10:45am (PHY 1412)
Th 1:00pm-1:50pm (CSS 2400) Dis
0106 **(04443)** Vogel, S.
TuTh 9:30am-10:45am (PHY 1412)
F 9:00am-9:50am (CSS 2400) Dis
0107 **(04444)** Vogel, S.
TuTh 9:30am-10:45am (PHY 1412)
F 12:00pm-12:50pm (CSS 2400) Dis
0201 **(04445)** Trimble, V.
MWF 9:00am-9:50am (PHY 1412)
M 12:00pm-12:50pm (CSS 2400) Dis
0202 **(04446)** Trimble, V.
MWF 9:00am-9:50am (PHY 1412)
M 1:00pm-1:50pm (CSS 2400) Dis
0203 **(04447)** Trimble, V.
MWF 9:00am-9:50am (PHY 1412)
W 10:00am-10:50am (CSS 2400) Dis
0204 **(04448)** Trimble, V.
MWF 9:00am-9:50am (PHY 1412)
W 1:00pm-1:50pm (CSS 2400) Dis
0205 **(04449)** Trimble, V.
MWF 9:00am-9:50am (PHY 1412)
W 2:00pm-2:50pm (CSS 2400) Dis
0206 **(04450)** Trimble, V.
MWF 9:00am-9:50am (PHY 1412)
F 10:00am-10:50am (CSS 2400) Dis
0207 **(04451)** Trimble, V.
MWF 9:00am-9:50am (PHY 1412)
F 1:00pm-1:50pm (CSS 2400) Dis
0301 **(04452)** STAFF
TuTh 3:30pm-4:45pm (CSS 0201)

ASTR100H Introduction to Astronomy; (3) REG/P-F/AUD. CORE: PS *Credit for ASTR 100 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 250 or higher. Credit will be granted for only one of the following: ASTR 100 or ASTR 101 or ASTR 120.* For general honors students only.
0101 **(04461)** Ostriker, E.
MWF 10:00am-10:50am (CSS 2428)
M 2:00pm-2:50pm (PHY 0405) Dis

ASTR101 General Astronomy; (4) REG/P-F/AUD. CORE: PL *Credit for ASTR 101 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 250 or higher. Credit will be granted for only one of the following: ASTR 100 or ASTR 101 or ASTR 120.* Discussion sections and lab sections do not meet the first week of classes. Attend lecture before coming to discussion or lab sections.
0101 **(04471)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
M 11:00am-1:00pm (CSS 1109) Lab
M 10:00am-10:50am (CSS 2400) Dis
0102 **(04472)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
M 3:30pm-5:30pm (CSS 1109) Lab
M 10:00am-10:50am (CSS 2400) Dis
0103 **(04473)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
Tu 3:30pm-5:30pm (CSS 1109) Lab
M 3:00pm-3:50pm (CSS 2400) Dis
0104 **(04474)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
Tu 6:00pm-8:00pm (CSS 1109) Lab
M 3:00pm-3:50pm (CSS 2400) Dis
0105 **(04475)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
W 8:00am-10:00am (CSS 1109) Lab
Tu 3:30pm-4:20pm (CSS 2400) Dis
0106 **(04476)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
W 10:30am-12:30pm (CSS 1109) Lab
Tu 3:30pm-4:20pm (CSS 2400) Dis
0107 **(04477)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
W 1:00pm-3:00pm (CSS 1109) Lab
W 12:00pm-12:50pm (CSS 2400) Dis
0108 **(04478)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
W 6:00pm-8:00pm (CSS 1109) Lab
W 12:00pm-12:50pm (CSS 2400) Dis
0109 **(04479)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
Th 8:00am-10:00am (CSS 1109) Lab
W 3:00pm-3:50pm (CSS 2400) Dis
0110 **(04480)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
Th 3:30pm-5:30pm (CSS 1109) Lab
W 3:00pm-3:50pm (CSS 2400) Dis

ASTR111 Observational Astronomy Laboratory; (1) REG/P-F/AUD. *Corequisite: ASTR 100.* CORE Physical Science Laboratory (PL) Course only when taken concurrently with ASTR 100. The first meetings of ASTR 111 will take place in the week of 9/2 in CSS 0201. Subsequent meetings will take place at the Observatory. Details of the transportation will be discussed at the first class meeting.
0101 **(04490)** STAFF
Tu 7:30pm-9:30pm (ALB 1101) Lab
0201 **(04491)** STAFF
W 7:30pm-9:30pm (ALB 1101) Lab

ASTR120 Introductory Astrophysics - Solar System; (3) REG/P-F/AUD. CORE: PS *Pre- or corequisite: MATH 115. Not open to students who have completed ASTR 100, ASTR 101 or ASTR 200. Credit will be granted for only one of the following: ASTR 100, ASTR 101 or ASTR 200.*
0101 **(04492)** Mundy, L.
TuTh 11:00am-12:15pm (CSS 2428)

ASTR195 Astronomy for the Modern World; (2) REG/P-F/AUD. *Prerequisite: Freshman astronomy major or strong interest in physical sciences. Freshman standing. Not open to students who have completed any 200 level astronomy or physics courses.*
0101 **(04501)** Deming, G.
Tu 4:00pm-6:00pm (CSS 1224)

ASTR200 Introductory Astronomy and Astrophysics; (3) REG/P-F/AUD. CORE: PS *Prerequisite: PHYS 161 or PHYS 171. Credit will be granted for only one of the following: ASTR 100 or ASTR 200.*
0101 **(04511)** Earl, J.
MWF 10:00am-10:50am (CSS 0201)

ASTR220 Collisions in Space; (3) REG/P-F/AUD. CORE: PS *Not open to astronomy students.*
0101 **(04521)** Hamilton, D.
MWF 11:00am-11:50am (CSS 2400)

ASTR288 *(PermReq)* **Special Projects in Astronomy; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. A faculty sponsor must be found by the students wishing to enroll in this course.

ASTR300 Stars and Stellar Systems; (3) REG/P-F/AUD. *Prerequisites: ASTR 100 or ASTR 101 and completion of CORE Distributive Studies requirement in Mathematics and Sciences or permission of department.* Designed primarily for non-physical science majors. Junior standing.
0101 **(04547)** Rose, W.
TuTh 9:30am-10:45am (CSS 2400)

ASTR310 Optical Astronomy Techniques; (3) REG/P-F/AUD. *Prerequisites: {PHYS 273 and PHYS 276} or {PHYS 263 and PHYS 263A} or permission of department. For ASTR majors only.* Course is offered in the fall semester only.
0101 **(04557)** Harrington, J.
TuTh 3:30pm-4:45pm (CSS 2416)

ASTR330 Solar-System Astronomy; (3) REG/P-F/AUD. *Prerequisites: ASTR 100 or ASTR 101 and completion of CORE Distributive Studies requirement in Mathematics and Sciences or permission of department.* Designed primarily for non-physical science majors. Junior standing.
0101 **(04567)** A'Hearn, M.
TuTh 2:00pm-3:15pm (CSS 2428)

ASTR340 Origin of the Universe; (3) REG/P-F/AUD. *Prerequisites: ASTR 100 or ASTR 101 and completion of the CORE Distributive Studies requirement in Mathematics and the Sciences or permission of department.*
0101 **(04577)** Wilson, A.
TuTh 11:00am-12:15pm (CSS 0201)

ASTR350 Astronomy and Astrophysics; (4) REG/P-F/AUD. *Prerequisites: ASTR 200 and (PHYS 273 or PHYS 262 or PHYS 142) or permission of department. Corequisite: PHYS 273 or PHYS 263.* Recommended for science majors.
0101 **(04587)** Papadopoulos, K.
TuTh 9:30am-10:45am (CSS 2428)
W 2:00pm-2:50pm (CSS 2428) Dis

ASTR380 Life in the Universe; (3) REG/P-F/AUD. *Prerequisites: ASTR 100 or ASTR 101 and completion of CORE Distributive Studies requirement in Mathematics and Sciences or permission of department.* Designed primarily for non-science majors. Junior standing.
0101 **(04597)** Theison, D.
TuTh 11:00am-12:15pm (CSS 2400)
0201 **(04598)** Theison, D.
TuTh 2:00pm-3:15pm (CSS 2400)

ASTR399 Honors Seminar; (1-16) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ASTR440 Introduction to Extra-Galactic Astronomy; (3) REG/P-F/AUD. *Prerequisite: PHYS 273 and ASTR 350 or equivalent, or permission of department.*
0101 **(04624)** Kundu, M.
TuTh 9:30am-10:45am (CSS 0201)

ASTR498 *(PermReq)* **Special Problems in Astronomy; (1-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. This course is open only to those who make prior arrangements with a member of the astronomy faculty.

ASTR498C Special Problems in Astronomy: Computational Astrophysics; (3) REG/P-F/AUD.
0101 **(04650)** Stone, J.
TuTh 12:30pm-1:45pm (CSS 2428)

ASTR498U Special Problems in Astronomy: Gravitation and Cosmology; (3) REG/P-F/AUD.
0101 **(04660)** Wang, J.
TuTh 2:00pm-3:15pm (CSS 0201)

ASTR600 Stellar Atmospheres; (3) REG/AUD. *Prerequisite: PHYS 422 or permission of department.*
0101 **(04670)** Bell, R.
WF 2:00pm-3:15pm (CSS 0201)

ASTR620 Galaxies; (3) REG/AUD. *Prerequisite: ASTR 400 or permission of department.*
0101 **(04680)** Veilleux, S.
TuTh 12:30pm-1:45pm (CSS 0201)

ASTR688C Special Topics in Modern Astronomy: Computational Astrophysics; (3) REG/AUD.
0101 **(51703)** Stone, J.
TuTh 12:30pm-1:45pm (CSS 2428)

ASTR695 Introduction to Research; (1) S-F. *Repeatable to 2 credits if content differs.*
0101 **(04690)** A'Hearn, M.
Time and room to be arranged

ASTR699 *(PermReq)* **Special Problems in Advanced Astronomy; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ASTR788 *(PermReq)* **Selected Topics in Modern Astronomy; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ASTR799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ASTR899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

BCHM Biochemistry
(Life Sciences)

BCHM461 Biochemistry I; (3) REG/P-F/AUD. *Prerequisite: CHEM 243 or CHEM 247.*
0101 **(04813)** STAFF
TuTh 8:00am-9:15am (CHM 1402)
0102 **(04814)** Arias, J.
TuTh 9:30am-10:45am (CHM 1407)

BCHM461A Biochemistry I; (3) REG/P-F/AUD. *Prerequisite: CHEM 243 or CHEM 247.* For BCHM and CHEM majors only.
0101 **(04824)** Hansen, J.
TuTh 9:30am-10:45am (CHM 0115)

BCHM462 Biochemistry II; (3) REG/P-F/AUD. *Prerequisite: BCHM 461.*
0102 **(04834)** STAFF
TuTh 9:30am-10:45am (CHM 1402)

BCHM464 Biochemistry Laboratory; (3) REG/P-F/AUD. *Corequisite: BCHM 462. For BCHM and CHEM majors only.*
0101 **(04844)** Woodson, S.
Th 1:00pm-6:00pm (CHM 2225) Lab
Tu 12:30pm-1:20pm (CHM 0122) Dis
0102 **(04845)** Woodson, S.
W 1:00pm-6:00pm (CHM 2225) Lab
Tu 12:30pm-1:20pm (CHM 0122) Dis

BCHM465 Biochemistry III; (3) REG/P-F/AUD. CORE: CS *Prerequisite: BCHM 462.*
0101 **(04855)** Julin, D.
TuTh 8:00am-9:15am (CHM 0119)

BCHM671 Protein Chemistry and Enzymic Catalysis; (3) REG/AUD.
0101 **(04865)** Jollie, D.
TuTh 9:30am-10:50am (CHM 2201)

BCHM674 Nucleic Acids; (3) REG/AUD.
0101 **(04875)** Kahn, J.
TuTh 8:00am-9:15am (CHM 2201)

BCHM699 Special Problems in Biochemistry; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis M.S. degree candidates.

BCHM799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

BCHM898A Seminar: Biochemistry; (1) REG/AUD.
0101 **(04977)** Hansen, J.
Tu 11:00am-11:50am (CHM 0128)

BCHM898C Seminar: Lipid Metabolism; (1) REG/AUD.
0101 **(04987)** Sampugna, J.
Time and room to be arranged

BCHM898D Seminar: Enzymology Recombination; (1) REG/AUD.
0101 **(04997)** Julin, D.
Time and room to be arranged

BCHM898E Seminar: Catalytic RNA; (1) REG/AUD.
0101 **(05007)** Woodson, S.
Time and room to be arranged

BCHM898F Seminar: Spores; (1) REG/AUD.
0101 **(05017)** Hansen, J.
Time and room to be arranged

BCHM898I Seminar: Motor Proteins; (1) REG/AUD.
0101 **(05027)** Forbes, J.
Time and room to be arranged

BCHM898J Seminar: Nucleic Acid Sructures; (1) REG/AUD.
0101 **(05037)** Kahn, J.
Time and room to be arranged

BCHM899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

BIOL Biology
(Life Sciences)

Note: Additional biology courses may be found under these course headings: ENTM, MICB, PBIO, and ZOOL.

BIOL101 Concepts of Biology; (3) REG/P-F/AUD. CORE Life Sciences Lab (LL) Course only when taken concurrently with BIOL 102. For non-science majors.
1101 **(05142)** Presson, J.
MWF 11:00am-11:50am (HJP 0226)

BIOL102 Laboratory in Biology; (1) REG/P-F/AUD. *Pre- or corequisite: BIOL 101.* For non-science majors. CORE Life Sciences Lab (LL) Course only when taken concurrently with BIOL 101.
2005 **(05153)** STAFF
M 3:00pm-5:50pm (HJP 2103) Lab
3001 **(05154)** STAFF
Tu 9:00am-11:50am (HJP 2103) Lab
3005 **(05155)** STAFF
Tu 12:00pm-2:50pm (HJP 2103) Lab
3008 **(05156)** STAFF
Tu 3:00pm-5:50pm (HJP 2103) Lab
4001 **(05157)** STAFF
W 12:00pm-2:50pm (HJP 2103) Lab
4005 **(05158)** STAFF
W 3:00pm-5:50pm (HJP 2103) Lab
5001 **(05159)** STAFF
Th 8:00am-10:50am (HJP 2103) Lab
5005 **(05160)** STAFF
Th 11:00am-1:50pm (HJP 2103) Lab

BIOL105 Principles of Biology I; (4) REG/P-F/AUD. CORE: LL *Prerequisite: placement in MATH 110 or higher. For science majors. Credit will be granted for only one of the following: BIOL 101 or BIOL 105.*
5114 **(05171)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
M 11:00am-1:50pm (HJP 1235) Lab
5117 **(05172)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
M 2:00pm-4:50pm (HJP 1235) Lab
5119 **(05173)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
M 5:00pm-7:50pm (HJP 1235) Lab
5121 **(05174)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Tu 8:00am-10:50am (HJP 2104) Lab
5124 **(05175)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Tu 11:00am-1:50pm (HJP 1226) Lab
5126 **(05176)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Tu 11:00am-1:50pm (HJP 1235) Lab
5127 **(05177)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Tu 11:00am-1:50pm (HJP 2104) Lab
5128 **(05178)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Tu 2:00pm-4:50pm (HJP 1235) Lab
5133 **(05179)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
W 11:00am-1:50pm (HJP 1235) Lab
5134 **(05180)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
W 11:00am-1:50pm (HJP 2104) Lab
5137 **(05181)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
W 2:00pm-4:50pm (HJP 1226) Lab
5139 **(05182)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
W 5:00pm-7:50pm (HJP 1226) Lab
5141 **(05183)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Th 8:00am-10:50am (HJP 1226) Lab
5142 **(05184)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Th 8:00am-10:50am (HJP 2104) Lab
5143 **(05185)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Th 8:00am-10:50am (HJP 1236) Lab
5146 **(05186)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Th 2:00pm-4:50pm (HJP 1226) Lab
5153 **(05187)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
F 11:00am-1:50pm (HJP 1226) Lab
5154 **(05188)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
F 11:00am-1:50pm (HJP 1235) Lab
5214 **(05189)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
M 11:00am-1:50pm (HJP 1226) Lab
5216 **(05223)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
M 5:00pm-7:50pm (HJP 1236) Lab
5218 **(05190)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Tu 8:00am-10:50am (HJP 1226) Lab
5222 **(05191)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Tu 8:00am-10:50am (HJP 1235) Lab
5227 **(05192)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Tu 2:00pm-4:50pm (HJP 2104) Lab
5231 **(05193)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
W 8:00am-10:50am (HJP 1235) Lab
5232 **(05194)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
W 8:00am-10:50am (HJP 2104) Lab
5237 **(05196)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
W 3:00pm-5:50pm (HJP 2104) Lab
5238 **(05197)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
W 3:00pm-5:50pm (HJP 1236) Lab
5239 **(05198)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
W 5:00pm-7:50pm (HJP 1235) Lab
5244 **(05199)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Th 11:00am-1:50pm (HJP 1236) Lab
5245 **(05200)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Th 11:00am-1:50pm (HJP 2104) Lab
5246 **(05201)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Th 2:00pm-4:50pm (HJP 2104) Lab
5247 **(05202)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Th 2:00pm-4:50pm (HJP 1236) Lab
5251 **(05203)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
F 8:00am-10:50am (HJP 1226) Lab
5252 **(05204)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
F 8:00am-10:50am (HJP 1235) Lab
5254 **(05205)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
F 11:00am-1:50pm (HJP 2104) Lab
5255 **(05206)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
F 11:00am-1:50pm (HJP 1236) Lab
5318 **(05207)** Hutcheson, S.
MWF 2:00pm-2:50pm (HJP 0226)
M 10:00am-12:50pm (HJP 2104) Lab
5320 **(05208)** Hutcheson, S.
MWF 2:00pm-2:50pm (HJP 0226)
M 3:00pm-5:50pm (HJP 1226) Lab
5327 **(05209)** Hutcheson, S.
MWF 2:00pm-2:50pm (HJP 0226)
Tu 2:00pm-4:50pm (HJP 1226) Lab
5331 **(05210)** Hutcheson, S.
MWF 2:00pm-2:50pm (HJP 0226)
W 8:00am-10:50am (HJP 1226) Lab
5332 **(05211)** Hutcheson, S.
MWF 2:00pm-2:50pm (HJP 0226)
W 8:00am-10:50am (HJP 1236) Lab
5334 **(05212)** Hutcheson, S.
MWF 2:00pm-2:50pm (HJP 0226)
W 11:00am-1:50pm (HJP 1226) Lab
5335 **(05213)** Hutcheson, S.
MWF 2:00pm-2:50pm (HJP 0226)
W 11:00am-1:50pm (HJP 1236) Lab
5341 **(05214)** Hutcheson, S.
MWF 2:00pm-2:50pm (HJP 0226)
Th 8:00am-10:50am (HJP 1235) Lab
5344 **(05215)** Hutcheson, S.
MWF 2:00pm-2:50pm (HJP 0226)
Th 11:00am-1:50pm (HJP 1235) Lab
5345 **(05216)** Hutcheson, S.
MWF 2:00pm-2:50pm (HJP 0226)
Th 11:00am-1:50pm (HJP 1226) Lab
5347 **(05217)** Hutcheson, S.
MWF 2:00pm-2:50pm (HJP 0226)
Th 2:00pm-4:50pm (HJP 1235) Lab
5351 **(05218)** Hutcheson, S.
MWF 2:00pm-2:50pm (HJP 0226)
F 8:00am-10:50am (HJP 2104) Lab
5352 **(05219)** Hutcheson, S.
MWF 2:00pm-2:50pm (HJP 0226)
F 8:00am-10:50am (HJP 1236) Lab

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8101 **(*****)** Gross, P.
Tu 6:00pm-9:00pm (HJP 0226)
Th 6:00pm-9:00pm (HJP 1235) Lab

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Dr. Lucinda Jack, 1122 Symons Hall; phone (301)405-0316; email: evening@life.umd.edu).
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BIOL105+ Principles of Biology I; (4) REG/P-F/AUD. CORE: LL *Prerequisite: placement in MATH 110 or higher. For science majors. Credit will be granted for only one of the following: BIOL 101 or BIOL 105.* Restricted to students in a First Year Focus Cluster or College Park Scholars - Life Sciences.
5116 **(05232)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
M 1:00pm-3:50pm (HJP 2104) Lab
Restricted to students in a First Year Focus Cluster.

5117 **(05233)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
M 2:00pm-4:50pm (HJP 1235) Lab
Restricted to College Park Scholars - Life Sciences.

5222 **(05234)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Tu 8:00am-10:50am (HJP 1235) Lab
Restricted to College Park Scholars - Life Sciences.

5231 **(05235)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
W 8:00am-10:50am (HJP 1235) Lab
Restricted to College Park Scholars - Life Sciences.

5247 **(05236)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Th 2:00pm-4:50pm (HJP 1236) Lab
Restricted to College Park Scholars - Life Sciences.

5327 **(05237)** Hutcheson, S.
MWF 2:00pm-2:50pm (HJP 0226)
Tu 2:00pm-4:50pm (HJP 1226) Lab
Restricted to College Park Scholars - Life Sciences.

BIOL105H Principles of Biology I; (4) REG/P-F/AUD. CORE: LL *Prerequisite: placement in MATH 110 or higher. For science majors. Credit will be granted for only one of the following: BIOL 101 or BIOL 105.* For general honors students only.
5122 **(05247)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Tu 2:00pm-4:50pm (HJP 1236) Lab
5125 **(05248)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Tu 11:00am-1:50pm (HJP 1236) Lab
5215 **(05249)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
M 3:00pm-5:50pm (HJP 1236) Lab
5223 **(05250)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Tu 8:00am-10:50am (HJP 1236) Lab
5319 **(05251)** Hutcheson, S.
MWF 2:00pm-2:50pm (HJP 0226)
M 10:00am-12:50pm (HJP 1236) Lab

BIOL105M *(PermReq)* **Principles of Biology I; (4)** REG/P-F/AUD. CORE: LL *Prerequisite: placement in MATH 110 or higher. For science majors. Credit will be granted for only one of the following: BIOL 101 or BIOL 105.* Prerequisite: BIOL 105 taken within twelve months of the semester in which BIOL 105M is taken. A student is eligible to take this course only if the lab scores received in BIOL 105 the last time it was taken, totalled at least 80 percent of the maximum possible total. These scores will count for part of the grade in BIOL 105M.
5121 **(05261)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)

(BIOL105M cont'd)

5232 **(05262)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
5320 **(05263)** Hutcheson, S.
MWF 2:00pm-2:50pm (HJP 0226)

BIOL106 Principles of Biology II; (4) REG/P-F/AUD. CORE: LL. *Prerequisite: BIOL 105. For science majors.*
6116 **(05273)** Forseth, I.
MWF 11:00am-11:50am (ZOP 1240)
M 12:00pm-2:50pm (ZOP 0245) Lab
6117 **(05274)** Forseth, I.
MWF 11:00am-11:50am (ZOP 1240)
M 3:00pm-5:50pm (ZOP 0249) Lab
6119 **(05275)** Forseth, I.
MWF 11:00am-11:50am (ZOP 1240)
M 3:00pm-5:50pm (ZOP 0245) Lab
6121 **(05276)** Forseth, I.
MWF 11:00am-11:50am (ZOP 1240)
Tu 8:00am-10:50am (ZOP 0245) Lab
6122 **(05277)** Forseth, I.
MWF 11:00am-11:50am (ZOP 1240)
Tu 8:00am-10:50am (ZOP 0249) Lab
6123 **(05278)** Forseth, I.
MWF 11:00am-11:50am (ZOP 1240)
Tu 11:00am-1:50pm (ZOP 0249) Lab
6124 **(05279)** Forseth, I.
MWF 11:00am-11:50am (ZOP 1240)
Tu 11:00am-1:50pm (ZOP 0245) Lab
6126 **(05280)** Forseth, I.
MWF 11:00am-11:50am (ZOP 1240)
Tu 2:00pm-4:50pm (ZOP 0249) Lab
6127 **(05281)** Forseth, I.
MWF 11:00am-11:50am (ZOP 1240)
Tu 2:00pm-4:50pm (ZOP 0245) Lab
6131 **(05282)** Forseth, I.
MWF 11:00am-11:50am (ZOP 1240)
W 8:00am-10:50am (ZOP 0245) Lab
6132 **(05283)** Forseth, I.
MWF 11:00am-11:50am (ZOP 1240)
W 8:00am-10:50am (ZOP 0249) Lab
6136 **(05284)** Forseth, I.
MWF 11:00am-11:50am (ZOP 1240)
W 12:00pm-2:50pm (ZOP 0245) Lab
6139 **(05285)** Forseth, I.
MWF 11:00am-11:50am (ZOP 1240)
W 3:00pm-5:50pm (ZOP 0245) Lab
6141 **(05286)** Forseth, I.
MWF 11:00am-11:50am (ZOP 1240)
Th 8:00am-10:50am (ZOP 0245) Lab
6144 **(05287)** Forseth, I.
MWF 11:00am-11:50am (ZOP 1240)
Th 11:00am-1:50pm (ZOP 0245) Lab
6147 **(05288)** Forseth, I.
MWF 11:00am-11:50am (ZOP 1240)
Th 2:00pm-4:50pm (ZOP 0245) Lab

BIOL222 Principles of Genetics; (4) REG/P-F/AUD. *Prerequisites: BIOL 105, one year college chemistry. Credit will be granted for only one of the following: ZOOL 213, HORT 274, or ANSC 201.*
8111 **(05298)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
M 4:00pm-5:50pm (PLS 1164) Dis
8121 **(05299)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
Tu 8:00am-9:50am (PLS 1164) Dis
8122 **(05300)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
Tu 10:00am-11:50am (PLS 1164) Dis
8123 **(05301)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
Tu 12:00pm-1:50pm (PLS 1164) Dis
8125 **(05302)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
Tu 2:00pm-3:50pm (PLS 1164) Dis
8131 **(05303)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
W 8:00am-9:50am (PLS 1164) Dis
8132 **(05304)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
W 10:00am-11:50am (PLS 1164) Dis
8133 **(05305)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
W 1:00pm-2:50pm (PLS 1164) Dis
8134 **(05306)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
W 1:00pm-2:50pm (PLS 1168) Dis
8136 **(05307)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
W 4:00pm-5:50pm (PLS 1164) Dis
8137 **(05308)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
W 4:00pm-5:50pm (PLS 1168) Dis
8141 **(05309)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
Th 8:00am-9:50am (PLS 1164) Dis
8142 **(05310)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
Th 10:00am-11:50am (PLS 1164) Dis
8143 **(05311)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
Th 12:00pm-1:50pm (PLS 1164) Dis
8151 **(05312)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
F 8:00am-9:50am (PLS 1164) Dis
8152 **(05313)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
F 10:00am-11:50am (PLS 1164) Dis
8153 **(05314)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
F 12:00pm-1:50pm (PLS 1164) Dis
8217 **(05315)** Chang, C.
MWF 3:00pm-3:50pm (HJP 2242)
M 4:00pm-5:50pm (PLS 1168) Dis
8257 **(05316)** Chang, C.
MWF 3:00pm-3:50pm (HJP 2242)
F 12:00pm-1:50pm (PLS 1168) Dis

BIOL222+ Principles of Genetics; (4) REG/P-F/AUD. *Prerequisites: BIOL 105, one year college chemistry. Credit will be granted for only one of the following: ZOOL 213, HORT 274, or ANSC 201.* Restricted to College Park Scholars - Life Sciences.
8121 **(05326)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
Tu 8:00am-9:50am (PLS 1164) Dis
8122 **(05327)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
Tu 10:00am-11:50am (PLS 1164) Dis
8133 **(05328)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
W 1:00pm-2:50pm (PLS 1164) Dis

BIOL222H Principles of Genetics; (4) REG/P-F/AUD. *Prerequisites: BIOL 105, one year college chemistry. Credit will be granted for only one of the following: ZOOL 213, HORT 274, or ANSC 201.* For general honors students only.
8124 **(05338)** Chang, C.
MWF 3:00pm-3:50pm (HJP 2242)
Tu 2:00pm-3:50pm (PLS 1184) Dis

BIOL258 Special Projects; (1-3) REG/P-F/AUD. Restricted to College Park Scholars - Life Sciences. Must be approved by the Director.
8005 **(05348)** Hellman, J.
Time and room to be arranged
8006 **(05349)** Dudash, M.
Time and room to be arranged
8007 **(05350)** Wilkinson, G.
Time and room to be arranged
8008 **(05351)** Benson, S.
Time and room to be arranged
8009 **(05352)** Brauth, S.
Time and room to be arranged
8010 **(05353)** Eichhorn, B.
Time and room to be arranged

BIOL288 *(PermReq)* **Field Experience; (1-6)** REG.
8805 **(05363)** Hellman, J.
Time and room to be arranged
8806 **(05364)** Higgins, W.
Time and room to be arranged

BIOM Biometrics
(Agriculture and Natural Resources)

BIOM301 Introduction to Biometrics; (3) REG/P-F/AUD. *Prerequisite: MATH 115.*
0101 **(05414)** Hakenkamp, C.
TuTh 2:00pm-2:50pm (HJP 0226)
Tu 3:00pm-3:50pm (ANS 0402) Dis
0102 **(05415)** Hakenkamp, C.
TuTh 2:00pm-2:50pm (HJP 0226)
Tu 4:00pm-4:50pm (ANS 0412) Dis
0103 **(05416)** Hakenkamp, C.
TuTh 2:00pm-2:50pm (HJP 0226)
W 1:00pm-1:50pm (CHE 2118) Dis
0104 **(05417)** Hakenkamp, C.
TuTh 2:00pm-2:50pm (HJP 0226)
Tu 3:00pm-3:50pm (ZOP 1232) Dis
0105 **(05418)** Hakenkamp, C.
TuTh 2:00pm-2:50pm (HJP 0226)
Tu 4:00pm-4:50pm (HJP 2242) Dis

BIOM401 Biostatistics I; (4) REG/P-F/AUD. *Prerequisite: BIOM 301.*
0101 **(05429)** Douglass, L.
TuTh 12:30pm-1:45pm (ARM 0131)
Tu 3:00pm-5:00pm (ANS 0473) Lab
0102 **(05430)** Douglass, L.
TuTh 12:30pm-1:45pm (ARM 0131)
W 9:00am-11:00am (ANS 0473) Lab
0103 **(05431)** Douglass, L.
TuTh 12:30pm-1:45pm (ARM 0131)
W 12:00pm-2:00pm (ANS 0473) Lab
0104 **(05432)** Douglass, L.
TuTh 12:30pm-1:45pm (ARM 0131)
W 3:00pm-5:00pm (ANS 0473) Lab
0105 **(05433)** Douglass, L.
TuTh 12:30pm-1:45pm (ARM 0131)
Th 2:00pm-4:00pm (ANS 0473) Lab

BIOM405 Computer Applications in Biometrics; (1) REG/P-F/AUD. *Corequisite: BIOM 401.*
0101 **(05443)** STAFF
W 9:00am-11:00am (ANS 0473) Lab

BIOM603 Biostatistics III; (3) REG/AUD. *Corequisite: BIOM 604. Prerequisite: BIOM 602; and BIOM 405 or equivalent.*
0101 **(05453)** Russek-Cohen, E.
TuTh 11:00am-12:15pm (ANS 0412)

BIOM604 Linear Models Computer Laboratory; (1) REG/AUD. *Corequisite: BIOM 603. Prerequisite: BIOM 405.*
0101 **(05463)** STAFF
Th 9:00am-11:00am (ANS 0473) Lab

BIOM688A *(PermReq)* **Topics in Biometrics: Consulting Experience in Biometrics; (1-3)** REG/AUD.
0101 **(05473)** Douglass, L.
Time and room to be arranged

BIOM698 Special Problems in Biometrics; (1-3) REG/AUD.
0101 **(05483)** Russek-Cohen, E.
Time and room to be arranged

BMGT Business and Management
(Business and Management)

BMGT110 Introduction to Business and Management; (3) REG/P-F/AUD. *Not open to BMGT students who have completed 56 or more credit hours. All others may take it anytime.*
0101 **(05533)** Nickels, W.
TuTh 3:30pm-4:45pm (VMH 1212)

BMGT190H Introduction to Design and Quality; (3) REG. *Prerequisite: permission of College. Also offered as ENES 190.* For general honors students only.
0101 **(05543)** Kaku, B.
MW 5:00pm-6:15pm (VMH 2203)

BMGT201 Introduction to Business Computing; (3) REG/P-F/AUD. *For BMGT majors only. Not open to students who have completed BMGT 301 prior to Fall 1997.* Sophmore Standing.
0101 **(05544)** Spear, R.
MW 12:30pm-1:45pm (VMH 1212)
F 12:00pm-12:50pm (VMH 1311) Dis
0102 **(05547)** Spear, R.
MW 12:30pm-1:45pm (VMH 1212)
F 1:00pm-1:50pm (VMH 1202) Dis
0103 **(05548)** Spear, R.
MW 12:30pm-1:45pm (VMH 1212)
F 2:00pm-2:50pm (VMH 1202) Dis
0104 **(05549)** Spear, R.
MW 12:30pm-1:45pm (VMH 1212)
F 3:00pm-3:50pm (VMH 1207) Dis
0105 **(05550)** Spear, R.
MW 12:30pm-1:45pm (VMH 1212)
F 4:00pm-4:50pm (VMH 1202) Dis
0201 **(05545)** Chaires, J.
TuTh 9:30am-10:45am (VMH 1212)
F 12:00pm-12:50pm (VMH 1311) Dis
0202 **(05551)** Chaires, J.
TuTh 9:30am-10:45am (VMH 1212)
F 1:00pm-1:50pm (VMH 1311) Dis
0203 **(05552)** Chaires, J.
TuTh 9:30am-10:45am (VMH 1212)
F 2:00pm-2:50pm (VMH 1311) Dis
0204 **(51700)** Chaires, J.
TuTh 9:30am-10:45am (VMH 1212)
F 3:00pm-3:50pm (VMH 1311) Dis
0205 **(51701)** Chaires, J.
TuTh 9:30am-10:45am (VMH 1212)
F 4:00pm-4:50pm (VMH 1311) Dis
0301 **(05546)** Spear, R.
W 5:00pm-7:40pm (VMH 1212)
M 5:00pm-5:50pm (VMH 1202) Dis
0303 **(51702)** Spear, R.
W 5:00pm-7:40pm (VMH 1212)
M 7:00pm-7:50pm (TYD 2110) Dis
0305 **(07380)** Spear, R.
W 5:00pm-7:40pm (VMH 1212)
M 6:00pm-6:50pm (TYD 2110) Dis

BMGT220 Principles of Accounting I; (3) REG. *Sophomore standing.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a make-up exam.
0101 **(05553)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 8:00am-8:50am (TYD 1118) Dis
0102 **(05554)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 8:00am-8:50am (TYD 2109) Dis
0103 **(05555)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 9:00am-9:50am (TYD 1118) Dis
0104 **(05556)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 10:00am-10:50am (TYD 1118) Dis
0105 **(05557)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 11:00am-11:50am (TYD 1118) Dis
0106 **(05558)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 12:00pm-12:50pm (TYD 1118) Dis
0107 **(05559)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 1:00pm-1:50pm (TYD 1118) Dis
0108 **(05560)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 2:00pm-2:50pm (TYD 1118) Dis
0109 **(05561)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 2:00pm-2:50pm (TYD 2109) Dis
0110 **(05562)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 3:00pm-3:50pm (TYD 1118) Dis
0111 **(05563)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 3:00pm-3:50pm (TYD 1108) Dis
0112 **(05564)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 4:00pm-4:50pm (TYD 1108) Dis
0201 **(05565)** Hardy, K.
MW 5:00pm-6:15pm (TYD 0130)
F 8:00am-8:50am (TYD 2102) Dis
0202 **(05566)** Hardy, K.
MW 5:00pm-6:15pm (TYD 0130)
F 9:00am-9:50am (TYD 2102) Dis
0203 **(05567)** Hardy, K.
MW 5:00pm-6:15pm (TYD 0130)
F 10:00am-10:50am (TYD 2102) Dis
0204 **(05568)** Hardy, K.
MW 5:00pm-6:15pm (TYD 0130)
F 11:00am-11:50am (TYD 2102) Dis
0205 **(05569)** Hardy, K.
MW 5:00pm-6:15pm (TYD 0130)
F 12:00pm-12:50pm (TYD 2102) Dis
0206 **(05570)** Hardy, K.
MW 5:00pm-6:15pm (TYD 0130)
F 1:00pm-1:50pm (TYD 2102) Dis
0207 **(05571)** Hardy, K.
MW 5:00pm-6:15pm (TYD 0130)
F 1:00pm-1:50pm (TYD 0101) Dis
0208 **(05572)** Hardy, K.
MW 5:00pm-6:15pm (TYD 0130)
F 2:00pm-2:50pm (TYD 2102) Dis
0209 **(05573)** Hardy, K.
MW 5:00pm-6:15pm (TYD 0130)
F 3:00pm-3:50pm (TYD 2102) Dis
0211 **(05574)** Hardy, K.
MW 5:00pm-6:15pm (TYD 0130)
F 4:00pm-4:50pm (TYD 2102) Dis

BMGT221 Principles of Accounting II; (3) REG. *Prerequisite: BMGT 220.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0101 **(05584)** Hardy, K.
MW 3:30pm-4:45pm (TYD 0130)
F 8:00am-8:50am (TYD 2108) Dis
0102 **(05585)** Hardy, K.
MW 3:30pm-4:45pm (TYD 0130)
F 9:00am-9:50am (TYD 2108) Dis
0103 **(05586)** Hardy, K.
MW 3:30pm-4:45pm (TYD 0130)
F 9:00am-9:50am (TYD 2109) Dis
0104 **(05587)** Hardy, K.
MW 3:30pm-4:45pm (TYD 0130)
F 10:00am-10:50am (TYD 2108) Dis
0105 **(05588)** Hardy, K.
MW 3:30pm-4:45pm (TYD 0130)
F 11:00am-11:50am (TYD 2108) Dis
0106 **(05589)** Hardy, K.
MW 3:30pm-4:45pm (TYD 0130)
F 12:00pm-12:50pm (TYD 2108) Dis
0107 **(05590)** Hardy, K.
MW 3:30pm-4:45pm (TYD 0130)
F 1:00pm-1:50pm (TYD 2108) Dis
0108 **(05591)** Hardy, K.
MW 3:30pm-4:45pm (TYD 0130)
F 1:00pm-1:50pm (TYD 2109) Dis
0109 **(05592)** Hardy, K.
MW 3:30pm-4:45pm (TYD 0130)
F 2:00pm-2:50pm (TYD 2108) Dis
0110 **(05593)** Hardy, K.
MW 3:30pm-4:45pm (TYD 0130)
F 2:00pm-2:50pm (TYD 0111) Dis
0111 **(05594)** Hardy, K.
MW 3:30pm-4:45pm (TYD 0130)
F 3:00pm-3:50pm (TYD 0111) Dis
0112 **(05595)** Hardy, K.
MW 3:30pm-4:45pm (TYD 0130)
F 3:00pm-3:50pm (TYD 2109) Dis

BMGT230 Business Statistics; (3) REG. *Prerequisite: MATH 220. Not open to students who have completed BMGT 231, ENEE 324, or STAT 400. Credit will be granted for only one of the following: AREC 484, BIOM 301, BMGT 230, CMSC 400, ECON 321, EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URSP 350, or TEXT 400.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. Section 0401 places emphasis on resampling statistics which relies on simulation.
0101 **(05605)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 8:00am-8:50am (TYD 1108) Dis
0102 **(05606)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 8:00am-8:50am (TYD 0117) Dis
0103 **(05607)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 9:00am-9:50am (TYD 1108) Dis
0104 **(05608)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 10:00am-10:50am (TYD 1108) Dis
0105 **(05609)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 11:00am-11:50am (TYD 1108) Dis
0106 **(05610)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 12:00pm-12:50pm (TYD 1108) Dis
0107 **(05611)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 1:00pm-1:50pm (TYD 1108) Dis
0108 **(05612)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 1:00pm-1:50pm (VMH 1307) Dis
0109 **(05613)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 2:00pm-2:50pm (TYD 1108) Dis
0110 **(05614)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 2:00pm-2:50pm (VMH 1307) Dis
0111 **(05615)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 3:00pm-3:50pm (TYD 2106) Dis
0201 **(05616)** Fromovitz, S.
MW 8:00am-9:15am (VMH 1206)
0301 **(05617)** Fromovitz, S.
TuTh 8:00am-9:15am (VMH 1206)
0401 **(05618)** Webster, D.
TuTh 9:30am-10:45am (SHM 2101)
F 9:00am-9:50am (TYD 0102) Dis
0402 **(05619)** Webster, D.
TuTh 9:30am-10:45am (SHM 2101)
F 10:00am-10:50am (VMH 1311) Dis
0403 **(05620)** Webster, D.
TuTh 9:30am-10:45am (SHM 2101)
F 11:00am-11:50am (VMH 1311) Dis
0404 **(05621)** Webster, D.
TuTh 9:30am-10:45am (SHM 2101)
F 12:00pm-12:50pm (VMH 1307) Dis

BMGT231 Statistical Models For Business; (3) REG. *Prerequisite: MATH 141 or permission of department Required for management science and statistics and decision and information sciences majors. Credit will be granted for only one of the following: BMGT 231, ENEE 324, or STAT 400.*
0101 **(05631)** STAFF
MW 11:00am-12:15pm (VMH 1307)
F 9:00am-9:50am (PHY 4220) Dis
0201 **(05632)** Widhelm, W.
TuTh 11:00am-12:15pm (TYD 1118)
F 10:00am-10:50am (TYD 2106) Dis

BMGT302 Business Computer Application Programming; (3) REG. *Prerequisite: BMGT 201 or CMSC 102 or CMSC 103 or permission of department. Not open to computer science students. For BMGT majors only.* This is a restricted course for BMGT majors and 08380 majors with 68 semester hours completed. All others must have authorization.
0101 **(05664)** Venkatesh, V.
TuTh 8:00am-9:15am (VMH 1203)
0201 **(05665)** Venkatesh, V.
MW 11:00am-12:15pm (TYD 1114)

BMGT305 Survey of Business Information Systems and Technology; (3) REG. *For decision and information science majors only. Not open to computer science students.*
0101 **(05666)** Johnson, R.
TuTh 9:30am-10:45am (VMH 1307)

BMGT310 Intermediate Accounting I; (3) REG. *Prerequisite: BMGT 221.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. This is a restricted course for accounting majors with 53 semester hours completed. All others must have authorization.
0101 **(05675)** Pfeiffer, G.
TuTh 8:00am-9:15am (TYD 1101)
0201 **(05676)** Barros-Carrero, M.
MW 9:30am-10:45am (TYD 1101)
0301 **(05677)** Barros-Carrero, M.
MW 2:00pm-3:15pm (TYD 2111)
0401 **(05678)** Fettus, S.
TuTh 11:00am-12:15pm (TYD 1108)
0501 **(05679)** Fettus, S.
TuTh 2:00pm-3:15pm (TYD 2109)
0601 **(05680)** Park, T.
MW 9:30am-10:45am (TYD 2108)
0701 **(05681)** Park, T.
MW 11:00am-12:15pm (TYD 0101)

BMGT311 Intermediate Accounting II; (3) REG. *Prerequisite: BMGT 310.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. This is restricted to accounting majors with 65 semester hours completed. All others must have authorization.
0101 **(05691)** Michelson, B.
M 7:00pm-9:40pm (VMH 1303)
0201 **(05692)** Kim, O.
MW 2:00pm-3:15pm (TYD 2102)
0301 **(05693)** Leung, K.
MW 3:30pm-4:45pm (TYD 2102)

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

BMGT321 Cost Accounting; (3) REG. *Prerequisite: BMGT 221.* This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization.
0101 **(05703)** Byard, D.
TuTh 11:00am-12:15pm (TYD 2108)
0201 **(05704)** Byard, D.
TuTh 12:30pm-1:45pm (TYD 1101)
0301 **(05705)** Loeb, M.
MW 11:00am-12:15pm (VMH 1303)
0401 **(05706)** Loeb, M.
MW 12:30pm-1:45pm (VMH 1303)

BMGT323 Income Tax Accounting; (3) REG. *Prerequisite: BMGT 221.* This course is restricted to BMGT majors with 53 semester hours. All others must have authorization.
0101 **(05716)** Pfeiffer, G.
MW 11:00am-12:15pm (TYD 1118)
0201 **(05717)** Pantalone, V.
TuTh 3:30pm-4:45pm (TYD 1118)
0301 **(05718)** Pfeiffer, G.
MW 3:30pm-4:45pm (TYD 1118)
0401 **(05719)** Pfeiffer, G.
MW 2:00pm-3:15pm (TYD 1118)

BMGT326 Accounting Systems; (3) REG. *Prerequisites: BMGT 301; and BMGT 321.* This course is restricted to accounting majors with 74 semester hours completed. All others must have authorization.
0101 **(05729)** Rose, S.
MW 9:30am-10:45am (VMH 2203)
0201 **(05730)** Rose, S.
MW 12:30pm-1:45pm (VMH 2203)

BMGT332 Operations Research For Management Decisions; (3) REG. *Prerequisite: BMGT 230.* Not for management science-statistics majors. This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization.
0101 **(05740)** Golden, B.
MW 2:00pm-3:15pm (VMH 1203)
0201 **(05741)** Coy, S.
TuTh 11:00am-12:15pm (TYD 2102)
0301 **(05742)** Beirjandi, H.
TuTh 12:30pm-1:45pm (TYD 1108)

BMGT340 Business Finance; (3) REG. *Prerequisites: BMGT 221; and {BMGT 230 or BMGT 231}.* This course is restricted to BMGT majors with 53 semester hours and major code 0111C. All others must have authorization.
0101 **(05752)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 8:00am-8:50am (VMH 1202) Dis
0102 **(05753)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 9:00am-9:50am (VMH 1202) Dis
0103 **(05754)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 10:00am-10:50am (VMH 1202) Dis
0104 **(05755)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 11:00am-11:50am (VMH 1202) Dis
0105 **(05756)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 12:00pm-12:50pm (VMH 1202) Dis
0106 **(05757)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 3:00pm-3:50pm (VMH 1202) Dis
0201 **(05758)** Draper, F.
MW 3:30pm-4:45pm (VMH 1212)
F 8:00am-8:50am (VMH 1203) Dis
0202 **(05759)** Draper, F.
MW 3:30pm-4:45pm (VMH 1212)
F 9:00am-9:50am (VMH 1203) Dis
0203 **(05760)** Draper, F.
MW 3:30pm-4:45pm (VMH 1212)
F 10:00am-10:50am (VMH 1203) Dis
0204 **(05761)** Draper, F.
MW 3:30pm-4:45pm (VMH 1212)
F 11:00am-11:50am (VMH 1203) Dis
0205 **(05762)** Draper, F.
MW 3:30pm-4:45pm (VMH 1212)
F 12:00pm-12:50pm (VMH 1203) Dis
0206 **(05763)** Draper, F.
MW 3:30pm-4:45pm (VMH 1212)
F 3:00pm-3:50pm (VMH 1203) Dis

BMGT343 Investments; (3) REG. *Prerequisite: BMGT 340.* This course is restricted to finance majors with 68 semester hours completed. All others must have authorization.
0101 **(05773)** Schrenk, L.
MW 9:30am-10:45am (TYD 1102)
0201 **(05774)** Agoro-Menyang, S.
TuTh 12:30pm-1:45pm (VMH 1303)
0301 **(05775)** Polakoff, M.
MW 12:30pm-1:45pm (TYD 1118)
0401 **(05776)** Polakoff, M.
M 7:00pm-9:40pm (TYD 1118)

BMGT350 Marketing Principles and Organization; (3) REG. *Prerequisite: ECON 203 or ECON 205.* This course is restricted to marketing majors with 53 semester hours completed. Other BMGT majors and students with major codes 0803C, 08380, 1102B, 1103B, 1105B, 1106B, 1107B, 1108B, 1303A, 1303B, 1303C, 1303E, 1304A, 0601A, 0601F, 0602A, 0602F, or 0111C must have 70 semester hours completed. All others must have authorization.
0101 **(05786)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 8:00am-8:50am (VMH 1206) Dis
0102 **(05787)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 9:00am-9:50am (VMH 1206) Dis
0103 **(05788)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 10:00am-10:50am (VMH 1206) Dis
0104 **(05789)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 11:00am-11:50am (VMH 1206) Dis
0105 **(05790)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 12:00pm-12:50pm (VMH 1206) Dis
0106 **(05791)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 1:00pm-1:50pm (VMH 1206) Dis
0107 **(05792)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 8:00am-8:50am (VMH 1207) Dis
0108 **(05793)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 9:00am-9:50am (VMH 1207) Dis
0109 **(05794)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 10:00am-10:50am (VMH 1207) Dis
0110 **(05795)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 1:00pm-1:50pm (VMH 1203) Dis
0111 **(05796)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 2:00pm-2:50pm (VMH 1203) Dis
0112 **(05797)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 4:00pm-4:50pm (VMH 1203) Dis

BMGT350H *(PermReq)* **Marketing Principles and Organization; (3)** REG. *Prerequisite: ECON 203 or ECON 205.* For general honors students only.
0101 **(05807)** Lefkoff-Hagius, R.
MW 12:30pm-1:45pm (VMH 1207)

BMGT353 Retail Management; (3) REG. *Prerequisites: BMGT 220; and BMGT 350.* This course is restricted to BMGT majors and students with major code 0803C, with 68 semester hours completed. All others must have authorization.
0101 **(05817)** Dorsett, A.
TuTh 9:30am-10:45am (JRN 1105)
0201 **(05818)** Dorsett, A.
TuTh 2:00pm-3:15pm (VMH 1307)

BMGT354 Promotion Management; (3) REG. *Prerequisite: BMGT 350.* This course is restricted to BMGT majors and students with major codes 0803C, 0601A, 0601F, 0602A, 0602F, 1303B, 1303C, 1304A with 60 hours. All others must have authorization.
0101 **(05828)** Whitney, D.
TuTh 9:30am-10:45am (TYD 1118)
0201 **(05829)** Whitney, D.
TuTh 11:00am-12:15pm (TYD 2109)

BMGT357 *(PermReq)* **Retailing and Marketing Internship; (3-6)** REG/P-F/AUD. *Prerequisites: BMGT 350 and permission of department. For BMGT majors only.*
0101 **(05839)** Durand, R.
Time and room to be arranged

BMGT360 Human Resource Management; (3) REG. This course is open to all students with 53 semester hours completed.
0101 **(05849)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 8:00am-8:50am (VMH 1314) Dis
0102 **(05850)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 9:00am-9:50am (VMH 1314) Dis
0103 **(05851)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 10:00am-10:50am (VMH 1314) Dis
0104 **(05852)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 11:00am-11:50am (VMH 1314) Dis
0105 **(05853)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 12:00pm-12:50pm (VMH 1314) Dis
0106 **(05854)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 1:00pm-1:50pm (VMH 1314) Dis

BMGT362 Labor Relations; (3) REG. This course is restricted to BMGT majors and students with major codes 0839A, 1307A, and 1307B with 60 semester hours completed. All others must have authorization.
0101 **(05864)** Levine, M.
TuTh 12:30pm-1:45pm (VMH 1307)

BMGT364 Management and Organization Theory; (3) REG. This course is restricted to BMGT majors and students with major codes 1303A, 1303B, 1303C, 1303E, 0111C, 1102B, 1103B, 1105B, 1106B, 1107B, 1108B, and 53 semester hours completed. All others must have authorization.
0101 **(05875)** Carroll, S.
MW 9:30am-10:45am (VMH 1212)
F 8:00am-8:50am (VMH 1303) Dis
0102 **(05876)** Carroll, S.
MW 9:30am-10:45am (VMH 1212)
F 9:00am-9:50am (VMH 1303) Dis
0103 **(05877)** Carroll, S.
MW 9:30am-10:45am (VMH 1212)
F 10:00am-10:50am (VMH 1303) Dis
0104 **(05878)** Carroll, S.
MW 9:30am-10:45am (VMH 1212)
F 11:00am-11:50am (VMH 1207) Dis
0105 **(05879)** Carroll, S.
MW 9:30am-10:45am (VMH 1212)
F 12:00pm-12:50pm (VMH 1207) Dis
0106 **(05880)** Carroll, S.
MW 9:30am-10:45am (VMH 1212)
F 1:00pm-1:50pm (VMH 1207) Dis
0201 **(05881)** Carroll, S.
MW 11:00am-12:15pm (VMH 1212)
F 11:00am-11:50am (VMH 1303) Dis
0202 **(05882)** Carroll, S.
MW 11:00am-12:15pm (VMH 1212)
F 12:00pm-12:50pm (VMH 1303) Dis
0203 **(05883)** Carroll, S.
MW 11:00am-12:15pm (VMH 1212)
F 1:00pm-1:50pm (VMH 1303) Dis
0204 **(05884)** Carroll, S.
MW 11:00am-12:15pm (VMH 1212)
F 2:00pm-2:50pm (VMH 1303) Dis
0205 **(05885)** Carroll, S.
MW 11:00am-12:15pm (VMH 1212)
F 3:00pm-3:50pm (VMH 1303) Dis
0206 **(05886)** Carroll, S.
MW 11:00am-12:15pm (VMH 1212)
F 4:00pm-4:50pm (VMH 1303) Dis

BMGT364H *(PermReq)* **Management and Organization Theory; (3)** REG. For general honors sutdents.
0101 **(05896)** Carroll, S.
MW 2:00pm-3:15pm (VMH 3327)

BMGT370 Introduction to Transportation Management; (3) REG. *Prerequisite: ECON 203; or ECON 205.* This course is open to all students with 53 semester hours completed.
0101 **(05906)** Mulvey, F.
TuTh 9:30am-10:45am (TYD 2108)
0201 **(05907)** Quasney, T.
MW 2:00pm-3:15pm (TYD 2108)
0301 **(05908)** Quasney, T.
MW 12:30pm-1:45pm (TYD 2102)

BMGT372 Introduction to Logistics Management; (3) REG. Open to BMGT majors and major codes 1102B, 1103B, 1105B, 1106B, 1107B, and 1108B with 53 semester hours completed. All others must have authorization.
0101 **(05918)** Dresner, M.
MW 12:30pm-1:45pm (VMH 1202)
0201 **(05919)** Dresner, M.
MW 11:00am-12:15pm (TYD 2108)
0301 **(05920)** Knemeyer, A.
TuTh 8:00am-9:15am (TYD 1102)
0401 **(05921)** ,Knemeyer, A.
TuTh 9:30am-10:45am (TYD 0111)

BMGT380 Business Law I; (3) REG. This course is restricted to BMGT majors and students with major codes 0803C, 0803H, 0111C, 08380, 1102B, 1103B, 1105B, 1106B, 1107B, and 1108B with 53 semester hours completed. All others must have authorization.
0101 **(05931)** Goldman, B.
TuTh 11:00am-12:15pm (VMH 1212)
0201 **(05932)** Ostas, D.
MW 9:30am-10:45am (TYD 2109)
0301 **(05933)** Ostas, D.
MW 11:00am-12:15pm (TYD 2109)
0401 **(05934)** Leete, B.
TuTh 3:30pm-4:45pm (TYD 2109)
0501 **(05935)** Goldman, B.
TuTh 8:00am-9:15am (VMH 1311)
0601 **(05936)** McClenahan, W.
MW 8:00am-9:15am (VMH 1212)

BMGT381 Business Law II; (3) REG. *Prerequisite: BMGT 380 or permission of department.* This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization.
0101 **(05945)** Leete, B.
TuTh 2:00pm-3:15pm (VMH 1212)

BMGT385 Production Management; (3) REG. This course is restricted to BMGT majors and major code 0839A with 53 semester hours completed. All others must have authorization.
0101 **(05955)** Kaku, B.
MW 11:00am-12:15pm (ASY 3217)
F 10:00am-10:50am (VMH 1307) Dis

BMGT392 Introduction to International Business Management; (3) REG. *Prerequisite: ECON 203; or ECON 205.* This course is restricted to business majors and major codes 11020, 11030, 11050, 11060, 1102B, 1103B, 1105B, 1106B, 1107B, and 1108B with 53 semester hours completed. All others must have an authorization.
0101 **(05965)** Feinberg, S.
TuTh 9:30am-10:45am (TYD 2102)
0201 **(05966)** Feinberg, S.
TuTh 12:30pm-1:45pm (VMH 1207)

BMGT398 *(PermReq)* **Individual Study in Business and Management; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

BMGT402 Database Systems; (3) REG. *Prerequisite: BMGT 305 or equivalent.* This course is restricted to BMGT majors with 72 semester hours. All others must have authorization. This course offered in fall semester only.
0101 **(06115)** Yi, M.
MW 11:00am-12:15pm (VMH 1311)
0201 **(06116)** Yao, S.
TuTh 11:00am-12:15pm (SQH 1101)
0301 **(06117)** Yi, M.
MW 8:00am-9:15am (VMH 1207)

BMGT403 Systems Analysis and Design; (3) REG. *Prerequisite: BMGT 305 or equivalent.* Restricted to BMGT majors with 72 semester hours completed. This course offered in fall semester only.
0101 **(06126)** Marakas, G.
MW 9:30am-10:45am (VMH 1307)
0201 **(06127)** Johnson, R.
MW 9:30am-10:45am (Arranged)

BMGT404 Seminar in Decision Support Systems; (3) REG/P-F/AUD. *Prerequisite: BMGT 305 or equivalent.*
0101 **(06136)** Davis, F.
TuTh 12:30pm-1:45pm (VMH 1311)

BMGT407 Info Systems Projects; (3) REG/P-F/AUD. *Prerequisite: 12 hours of information systems. For decision and information sciences majors only. Senior standing.*
0101 **(06146)** Deamer, M.
TuTh 8:00am-9:15am (VMH 1202)

BMGT411 Ethics and Professionalism in Accounting; (3) REG. *Prerequisite: BMGT 311. For accounting majors only. Senior standing.* This course is restricted to accounting majors with 86 semester hours completed. All others must have authorization.
0101 **(06156)** Webb, N.
TuTh 12:30pm-1:45pm (TYD 1118)
0201 **(06157)** Loeb, S.
MW 3:30pm-4:45pm (VMH 1203)

BMGT417 Advanced Tax Accounting; (3) REG. *Prerequisites: BMGT 311; and BMGT 323.* This course is restricted to accounting majors with 84 semester hours completed. All others must have authorization.
0101 **(06167)** Pantalone, V.
TuTh 11:00am-12:15pm (TYD 1132)
0201 **(06168)** Pantalone, V.
TuTh 12:30pm-1:45pm (TYD 2102)

BMGT422 Auditing Theory and Practice; (3) REG. *Prerequisite: BMGT 311.* This is a restricted course for accounting majors. All other majors must have authorization. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0101 **(06178)** Pfeiffer, G.
MW 9:30am-10:45am (TYD 1118)
0201 **(06179)** Webb, N.
TuTh 2:00pm-3:15pm (TYD 1118)
0301 **(06180)** Webb, N.
TuTh 3:30pm-4:45pm (TYD 2102)

BMGT424 Advanced Accounting; (3) REG. *Prerequisite: BMGT 311.* This is a restricted course for accounting majors. All other majors must have authorization. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0101 **(06190)** Rymer, V.
MW 2:00pm-3:15pm (TYD 2109)
0201 **(06191)** Rymer, V.
MW 3:30pm-4:45pm (TYD 2109)

BMGT430 Linear Statistical Models in Business; (3) REG. *Prerequisite: BMGT 230 or BMGT 231 or permission of department.* This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization.
0101 **(06201)** STAFF
MW 12:30pm-1:45pm (VMH 1203)
F 11:00am-11:50am (VMH 1307) Dis

BMGT434 Introduction to Optimization Theory; (3) REG. *Prerequisite: MATH 220; or permission of department.* This course is restricted to BMGT majors with 72 semester hours. All others must have authorization. This course offered in fall semester only.
0101 **(06211)** Gass, S.
MW 2:00pm-3:15pm (VMH 1303)
0201 **(06212)** Bodin, L.
TuTh 3:30pm-4:45pm (VMH 1311)

BMGT440 Financial Management; (3) REG. *Prerequisite: BMGT 340.* This course is restricted to BMGT majors with 84 semester hours. All others must have authorization.
0101 **(06222)** Maksimovic, V.
TuTh 9:30am-10:45am (TYD 0101)
0201 **(06223)** Schrenk, L.
MW 12:30pm-1:45pm (VMH 1307)
0301 **(06224)** Whited, T.
MW 2:00pm-3:15pm (VMH 1307)
0401 **(06225)** Maksimovic, V.
TuTh 11:00am-12:15pm (TYD 0117)

BMGT443 Security Analysis and Valuation; (3) REG. *Prerequisite: BMGT 343.* This course is restricted to BMGT majors with 84 semester hours. All others must have authorization.
0101 **(06235)** Haslem, J.
TuTh 2:00pm-3:15pm (VMH 1202)
0201 **(06236)** Haslem, J.
TuTh 3:30pm-4:45pm (VMH 1202)
0301 **(06237)** Berkowitz, S.
Tu 7:00pm-9:40pm (VMH 1203)
0401 **(06238)** Berkowitz, S.
TuTh 5:00pm-6:15pm (Arranged)

BMGT444 Futures Contracts and Options; (3) REG. *Prerequisite: BMGT 343.* This course is restricted to finance majors with 84 semester hours completed. All others must have authorization.
0101 **(06247)** Madan, D.
TuTh 3:30pm-4:45pm (VMH 1303)
0201 **(06248)** Madan, D.
TuTh 11:00am-12:15pm (VMH 1203)

BMGT445 Commercial Bank Management; (3) REG. *Prerequisites: BMGT 340; and ECON 430.* This course is restricted to finance majors with 84 hours completed. All others must have authorization.
0101 **(06258)** Malmquist, D.
Tu 7:00pm-9:40pm (VMH 1202)
0201 **(06259)** Malmquist, D.
Th 7:00pm-9:40pm (VMH 1203)
0301 **(06260)** Rossi, C.
W 7:00pm-9:40pm (VMH 1202)

BMGT446 International Finance; (3) REG. *Prerequisite: BMGT 340.* This course is restricted to finance majors and general business with 72 hours completed. All others must have authorization.
0101 **(06271)** Bakshi, G.
TuTh 2:00pm-3:15pm (ARC 1105)
0201 **(06272)** Tadesse, S.
TuTh 5:00pm-6:15pm (VMH 1307)
0301 **(06273)** Draper, F.
MW 11:00am-12:15pm (TYD 2102)
0401 **(06274)** Tadesse, S.
Tu 7:00pm-9:40pm (VMH 1212)

BMGT451 Consumer Analysis; (3) REG. *Prerequisite: BMGT 350. Recommended: PSYC 100; and PSYC 221. Not open to students who have completed CNEC 43*. Credit will be granted for only one of the following: BMGT 451 or CNEC 43*.* This course is restricted to BMGT majors and students with major codes 0601A, 0601F, 0602F and 0602A with 68 hours completed. All others must have authorization
0101 **(06284)** Durand, R.
TuTh 11:00am-12:15pm (VMH 1307)
0201 **(06285)** STAFF
MW 12:30pm-1:45pm (TYD 2109)
0301 **(06286)** Rosenstrauch, E.
MW 9:30am-10:45am (TYD 2102)
0401 **(06287)** Whitney, D.
TuTh 5:00pm-6:15pm (VMH 1303)

BMGT452 Marketing Research Methods; (3) REG. *Prerequisites: BMGT 230; and BMGT 451. Formerly BMGT 450.* This course restricted to marketing majors with 72 semester hours completed. All others must have authorization.
0101 **(06307)** Kannan, P.
MW 12:30pm-1:45pm (VMH 1311)
0201 **(06308)** Kannan, P.
MW 2:00pm-3:15pm (VMH 1314)
0301 **(06309)** Chuchinprakarn, N.
TuTh 3:30pm-4:45pm (ARC 1103)
0401 **(06310)** Chuchinprakarn, N.
TuTh 5:00pm-6:15pm (VMH 1311)

BMGT454 International Marketing; (3) REG. *Prerequisites: BMGT 350 plus one other marketing course.* This course is restricted to BMGT majors with 72 semester hours completed.
0101 **(06321)** Greer, T.
TuTh 3:30pm-4:45pm (TYD 2111)
0201 **(06322)** Greer, T.
TuTh 11:00am-12:15pm (TYD 2111)

BMGT455 Sales Management; (3) REG. *Prerequisite: BMGT 350.*
0101 **(06343)** Jolson, M.
TuTh 2:00pm-3:15pm (VMH 1206)

BMGT456 Advertising; (3) REG. *Prerequisite: BMGT 350.* This course is restricted to BMGT majors and students with major codes 1303A, 1303B, 1303C, 1303E, and 1304A with 60 semester hours completed. All others must have authorization.
0101 **(06353)** Modi, A.
MW 11:00am-12:15pm (TYD 2106)
0201 **(06354)** Tuerk, J.
MW 12:30pm-1:45pm (VMH 1206)

BMGT457 Marketing Policies and Strategies; (3) REG. CORE: CS *Prerequisite: BMGT 451. Corequisite: BMGT 452.* This course is restricted to marketing majors with 100 semester hours completed. All others must have authorization.
0101 **(06364)** Lefkoff-Hagius, R.
MW 9:30am-10:45am (VMH 1311)
0201 **(06365)** Zaleski, D.
MW 11:00am-12:15pm (TYD 2111)
0301 **(06366)** Zaleski, D.
MW 5:00pm-6:15pm (VMH 1203)

BMGT460 Human Resource Management: Analysis and Problems; (3) REG. *Prerequisite: BMGT 360. Recommended: BMGT 230.* This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization. Offered fall only.
0101 **(06375)** Tirnauer, D.
MW 3:30pm-4:45pm (VMH 1202)

BMGT461 Entrepreneurship; (3) REG/P-F/AUD. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization.
0101 **(06385)** Lamone, R.
Tu 3:30pm-6:10pm (VMH 1314)

BMGT462 Employment Law for Business; (3) REG. *Restricted to BMGT majors with 72 hours completed.* This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization. Offered fall only.
0101 **(06395)** Levine, M.
TuTh 9:30am-10:45am (VMH 1311)

BMGT472 Advanced Logistics Operations; (3) REG/P-F/AUD. *Prerequisite: BMGT 372.*
0101 **(06405)** Evers, P.
TuTh 3:30pm-4:45pm (VMH 1307)

BMGT473 Advanced Transportation Policies; (3) REG. *Prerequisite: BMGT 370.* This course is open to all students with 72 semester hours completed.
0101 **(06415)** Gardner, L.
TuTh 8:00am-9:15am (VMH 1307)
0201 **(06416)** Dayton, M.
TuTh 8:00am-9:15am (VMH 1207)

BMGT476 Applied Computer Models in Logistics and Transportation Management; (3) REG. *Prerequisites: BMGT 301 and BMGT 370 and BMGT 372.* Open to transportation majors. All others must have authorization.
0101 **(06425)** Dong, Y.
MW 8:00am-9:15am (VMH 1202)
0201 **(06426)** Dong, Y.
MW 9:30am-10:45am (VMH 1202)

BMGT477 International Logistics and Transportation Management; (3) REG. *Prerequisites: BMGT 370; and BMGT 372.* This course restricted to BMGT majors only. All others must have authorization.
0101 **(06436)** Carter, C.
MW 12:30pm-1:45pm (TYD 2111)
0201 **(06437)** Carter, C.
MW 2:00pm-3:15pm (TYD 0117)

BMGT482 Business and Government; (3) REG. *Prerequisite: ECON 203; or ECON 205.* This is a restricted course. Non-BMGT majors must have authorization.
0101 **(06447)** Lesser, L.
TuTh 3:30pm-4:45pm (TYD 1108)

BMGT490H The Total Quality Practicum; (3) REG/P-F/AUD. *Prerequisite: BMGT 390 or ENES 390. Also offered as ENES 490.*
0101 **(06468)** Assad, A.
TuTh 5:00pm-6:15pm (VMH 1202)

BMGT493 *(PermReq)* **Honors Study; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(06478)** McDowell, H.
Time and room to be arranged

BMGT494 *(PermReq)* **Honors Study; (3)** REG/P-F/AUD. *Prerequisite: BMGT 493, and continued candidacy for honors in Business and Management.*
0101 **(06488)** McDowell, H.
Time and room to be arranged

BMGT495 Business Policies; (3) REG. CORE: CS *Prerequisites: BMGT 340; and BMGT 350; and BMGT 364.* Open only to graduating seniors in Business and Management. This is a restricted course for BMGT majors with 100 hours completed. All others must have authorization.
0101 **(06498)** STAFF
MW 8:00am-9:15am (VMH 1314)
0201 **(06499)** STAFF
MW 9:30am-10:45am (VMH 1314)
0301 **(06500)** STAFF
MW 2:00pm-3:15pm (SQH 1121)
0401 **(06501)** STAFF
MW 12:30pm-1:45pm (VMH 1314)
0501 **(06502)** STAFF
TuTh 9:30am-10:45am (VMH 1314)
0601 **(06503)** STAFF
TuTh 11:00am-12:15pm (VMH 1314)
0701 **(06504)** STAFF
TuTh 12:30pm-1:45pm (VMH 1314)
0801 **(06505)** STAFF
TuTh 2:00pm-3:15pm (VMH 1314)

BMGT496 Business Ethics and Society; (3) REG. *Prerequisite: one course in BMGT; or permission of department.*
0101 **(06515)** Lesser, L.
TuTh 2:00pm-3:15pm (VMH 3441)

BMGT601 Leadership Development and Managing Diversity; (No credit) S-F. *For BMGT majors only.* Majors only until the first day of classes.
GS01 **(06530)** Gannon, M.
Time and room to be arranged
0501 **(06529)** Gannon, M.
Time and room to be arranged

BMGT602 Total Quality Management; (No credit) S-F. *For BMGT majors only.* Majors only until the first day of classes.
GS01 **(06544)** STAFF
Time and room to be arranged
0501 **(06543)** Reger, R.
Time and room to be arranged

BMGT605 Career Development and Team Building; (No credit) S-F. *For BMGT majors only.* Majors only until the first day of classes.
GS01 **(06555)** STAFF
Time and room to be arranged
Q101 **(06553)** STAFF
Time and room to be arranged
0501 **(06556)** STAFF
Time and room to be arranged

BMGT606 MBA Case Competition; (No credit) S-F. *For BMGT majors only.* Majors only until the first day of classes.
0101 **(06564)** Reger, R.
Time and room to be arranged

BMGT608A ELM: Special Topics: Leadership Development and Managing Diversity; (No credit) S-F.
GS01 **(06566)** STAFF
Time and room to be arranged
0101 **(06565)** STAFF
Time and room to be arranged

BMGT608B ELM: Special Topics: Career Development and Team Building; (No credit) S-F.
0101 **(06567)** Stevens, C.
Time and room to be arranged

BMGT610 Financial Reporting and Cost Accounting; (3) REG/AUD. *For BMGT majors only.* Majors only until the first day of classes.
0101 **(06577)** Shaw, K.
TuTh 12:30pm-1:45pm (VMH 1203)
0201 **(06578)** Peters, M.
MW 11:00am-12:15pm (VMH 1203)
0301 **(06579)** Shaw, K.
TuTh 11:00am-12:15pm (VMH 1311)
0401 **(06580)** Peters, M.
MW 2:00pm-3:15pm (VMH 1311)

BMGT615 Business Communications; (1.5) REG/AUD. *For BMGT majors only.* Majors only until the first day of classes.
0101 **(06602)** Parkey-Barao, T.
Meets 09/02/97-10/17/97
Th 9:30am-12:10pm (VMH 1303)
0201 **(06603)** Parkey-Barao, T.
Meets 09/02/97-10/17/97
Tu 9:30am-12:10pm (VMH 1303)
0301 **(06604)** Parkey-Barao, T.
Meets 09/02/97-10/17/97
Tu 2:00pm-4:40pm (VMH 1407)
0401 **(06605)** Parkey-Barao, T.
Meets 09/02/97-10/17/97
Th 2:00pm-4:40pm (VMH 1407)

BMGT620 Strategic Information Systems; (1.5) REG/AUD. *For BMGT majors only.* Majors only until the first day of classes.
0101 **(06615)** Geter, R.
Meets 10/27/97-12/10/97
Th 9:30am-12:10pm (VMH 1303)
0201 **(06616)** Geter, R.
Meets 10/27/97-12/10/97
Tu 9:30am-12:10pm (VMH 1303)
0301 **(06617)** Geter, R.
Meets 10/27/97-12/10/97
Tu 2:00pm-4:40pm (VMH 1407)
0401 **(06618)** Geter, R.
Meets 10/27/97-12/10/97
Th 2:00pm-4:40pm (VMH 1407)

BMGT630 Managerial Statistics I; (3) REG/AUD. *For BMGT majors only or permission of department.* Majors only until the first day of classes.
0101 **(06628)** Alt, F.
MW 9:30am-10:45am (VMH 1303)
0201 **(06629)** STAFF
MW 9:30am-10:44am (Arranged)
0301 **(06630)** Alt, F.
MW 11:00am-12:15pm (VMH 1202)
0401 **(06631)** STAFF
MW 11:00am-12:15pm (Arranged)

BMGT640 Financial Management; (3) REG/AUD. *Prerequisites: BMGT 610; and BMGT 630. For BMGT majors only or permission of department.* Majors only until the first day of classes.
0501 **(06657)** Phillips, G.
Tu 7:00pm-9:40pm (VMH 1307)

BMGT650 Marketing Management; (3) REG/AUD. *For BMGT majors only or permission of department.* Majors only until the first day of classes.
0501 **(06658)** Holman, R.
M 7:00pm-9:40pm (VMH 1202)

BMGT662 Organizational Behavior and Human Resources; (1.5) REG/AUD. *For BMGT majors only. Not open to students who have completed BMGT 660.* Majors only until the first day of classes.
0101 **(06670)** Gannon, M.
Meets 09/02/97-10/17/97
Tu 2:00pm-4:40pm (VMH 1203)
0201 **(06671)** Sims, H.
Meets 09/02/97-10/17/97
Th 9:30am-12:10pm (VMH 1202)
0301 **(06672)** Sims, H.
Meets 09/02/97-10/17/97
Th 2:00pm-4:40pm (VMH 1203)
0401 **(06673)** Gannon, M.
Meets 09/02/97-10/17/97
Tu 9:30am-12:10pm (VMH 1202)

BMGT663 Introduction to the Management of Human Resources; (1.5) REG/AUD. *Prerequisite: BMGT 662. For BMGT majors only. Not open to students who have completed BMGT 661.* Majors only until the first day of classes.
0101 **(06686)** Kovach, K.
Meets 10/27/97-12/10/97
Tu 2:30pm-5:10pm (VMH 1203)
0201 **(06687)** Stevens, C.
Meets 10/27/97-12/10/97
Th 9:30am-12:10pm (VMH 1202)
0301 **(06688)** Kovach, K.
Meets 10/27/97-12/10/97
Th 2:30pm-5:10pm (VMH 1203)
0401 **(06689)** Stevens, C.
Meets 10/27/97-12/10/97
Tu 9:30am-12:10pm (VMH 1202)

BMGT681 Managerial Economics and Public Policy; (3) REG/AUD. *For BMGT majors only. Not open to students who have completed BMGT 671 and BMGT 680.* Majors only until the first day of classes.
0101 **(06699)** Windle, R.
MW 11:00am-12:15pm (VMH 1207)
0201 **(06700)** Shaffer, B.
MW 2:00pm-3:15pm (VMH 1207)
0301 **(06701)** Windle, R.
MW 9:30am-10:45am (VMH 1207)
0401 **(06702)** Shaffer, B.
MW 3:30pm-4:45pm (VMH 1307)

BMGT690 Strategic Management; (3) REG/AUD. *For BMGT majors only or permission of department.* Majors only until the first day of classes.
0101 **(06712)** Smith, K.
M 4:00pm-6:40pm (VMH 1407)
0201 **(06713)** Wally, S.
MW 11:00am-12:15pm (VMH 1314)
0301 **(06714)** Reger, R.
Tu 9:30am-12:10pm (VMH 1207)
0401 **(06715)** Reger, R.
Th 9:30am-12:10pm (VMH 1207)
0501 **(06717)** Reger, R.
W 4:00pm-6:40pm (Arranged)

BMGT698 MBA Field Project: Group Field Projects; (3-6) REG/AUD. Majors only until the first day of classes.
0101 **(06726)** STAFF
TuTh 8:00am-9:15am (VMH 2301)
0201 **(06727)** STAFF
TuTh 8:00am-9:15am (VMH 2303)
0301 **(06728)** STAFF
TuTh 8:00am-9:15am (VMH 2305)
0401 **(06729)** STAFF
TuTh 8:00am-9:15am (VMH 2313)
0501 **(06730)** STAFF
TuTh 8:00am-9:15am (VMH 2307)
0601 **(06731)** STAFF
TuTh 8:00am-9:15am (VMH 2311)
0701 **(06732)** STAFF
MW 8:00am-9:15am (VMH 2301)
0801 **(06733)** STAFF
MW 8:00am-9:15am (VMH 2303)
0901 **(06734)** STAFF
MW 8:00am-9:15am (VMH 2305)
1001 **(06735)** STAFF
MW 8:00am-9:15am (VMH 2307)
1101 **(06736)** STAFF
MW 8:00am-9:15am (VMH 2311)
1201 **(06737)** STAFF
MW 8:00am-9:15am (VMH 2313)
1301 **(06738)** STAFF
F 8:00am-10:40am (VMH 2301)
1401 **(06739)** STAFF
F 8:00am-10:40am (VMH 2303)
1501 **(06740)** STAFF
F 8:00am-10:40am (VMH 2305)
1601 **(06741)** STAFF
F 8:00am-10:40am (VMH 2307)
1701 **(06742)** STAFF
F 8:00am-10:40am (VMH 2311)
1801 **(06743)** STAFF
F 8:00am-10:40am (VMH 2313)
1901 **(06744)** STAFF
F 11:00am-1:40pm (VMH 2301)
2001 **(06745)** STAFF
F 11:00am-1:40pm (VMH 2303)
2101 **(06746)** STAFF
F 11:00am-1:40pm (VMH 2305)
2201 **(06747)** STAFF
F 11:00am-1:40pm (VMH 2307)
2301 **(06748)** STAFF
F 11:00am-1:40pm (VMH 2311)
2401 **(06749)** STAFF
F 11:00am-1:40pm (VMH 2313)
2501 **(06750)** STAFF
F 2:00pm-4:40pm (VMH 2301)
2601 **(06751)** STAFF
F 2:00pm-4:40pm (VMH 2303)
2701 **(06752)** STAFF
F 2:00pm-4:40pm (VMH 2305)
2801 **(06753)** STAFF
F 2:00pm-4:40pm (VMH 2307)
2901 **(06754)** STAFF
Time and room to be arranged
3001 **(06755)** STAFF
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4101 **(07385)** STAFF
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4201 **(07386)** STAFF
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BMGT702 Applied Security Analysis and Portfolio Management; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes.
0101 **(06764)** Vandeweghe, M.
TuTh 2:00pm-3:15pm (VMH 1303)

BMGT710 Advanced Accounting Theory; (3) REG/AUD. *Prerequisite: BMGT 610.* Majors only until the first day of classes.
0101 **(06774)** Leung, K.
M 7:00pm-9:40pm (VMH 1207)

BMGT711 Advanced Managerial Accounting; (3) REG/AUD. *Prerequisites: permission of department; and completion of all first year MBA courses before registering for this course.* Majors only until the first day of classes.
0101 **(06784)** Gordon, L.
Tu 7:00pm-9:40pm (VMH 1303)

BMGT713 The Impact of Taxation on Business Decisions; (3) REG/AUD. *Prerequisite: BMGT 611.* Majors only until the first day of classes.
0101 **(06794)** Pantalone, V.
W 7:00pm-9:40pm (VMH 1311)

BMGT720 Information Technology and Corporate Transformation; (3) REG/AUD. *Prerequisite: BMGT 620.* Majors only until the first day of classes.
0101 **(06804)** Yoo, Y.
M 7:00pm-9:40pm (VMH 2203)

BMGT721 File Processing and Database Systems; (3) REG/AUD. *For BMGT majors only or permission of department.* Majors only until the first day of classes.
0101 **(06816)** Raschid, L.
Tu 7:00pm-9:40pm (Arranged)

BMGT725 Information Systems Analysis and Design; (3) REG/AUD. *Prerequisite: BMGT 620; or BMGT 721.* Majors only until the first day of classes.
0101 **(06824)** Marakas, G.
W 7:00pm-9:40pm (VMH 1307)

BMGT726 Distributed Data Processing; (3) REG/AUD. *Prerequisite: BMGT 620; or BMGT 721.* Majors only until the first day of classes.
0101 **(06825)** Raschid, L.
TuTh 12:30pm-1:45pm (VMH 1202)

BMGT734 Models for Operations Management; (3) REG/AUD. *Prerequisites: BMGT 630 and BMGT 631.* Majors only until the first day of classes.
0101 **(06834)** Fu, M.
W 7:00pm-9:40pm (VMH 1207)

BMGT735 Application of Management Science; (3) REG/AUD. *Prerequisite: BMGT 631.* Majors only until the first day of classes.
0101 **(06844)** Bodin, L.
Tu 5:00pm-7:40pm (TYD 2102)

BMGT740 New Venture Financing; (3) REG/AUD. *Prerequisite: BMGT 640 or permission of department.* Majors only until the first day of classes.
0101 **(06854)** STAFF
Th 7:00pm-9:40pm (Arranged)
0201 **(06855)** STAFF
Th 7:00pm-9:40pm (VMH 1202)

BMGT742 Financial Valuation and Strategy; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes.
0101 **(06874)** Kolodny, R.
W 4:00pm-6:40pm (VMH 1303)
0201 **(06876)** Riddick, L.
MW 2:00pm-3:15pm (VMH 1202)
0401 **(06875)** Riddick, L.
M 6:30pm-9:10pm (VMH 1203)

BMGT743 Investment Management; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes.
0101 **(06885)** Agoro-Menyang, S.
Tu 7:00pm-9:40pm (VMH 1311)

BMGT745 Financial Institutions Management; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes.
0101 **(06905)** Unal, H.
TuTh 9:30am-10:45am (VMH 1203)

BMGT746 International Financial Management; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes.
0101 **(06915)** Bakshi, G.
Th 7:00pm-9:40pm (VMH 1307)

BMGT754 Buyer Behavior Analysis; (3) REG/AUD. *Prerequisite: BMGT 650.* Majors only until the first day of classes.
0101 **(06925)** Holman, R.
Tu 7:00pm-9:40pm (VMH 1207)

BMGT757 Marketing Strategy; (3) REG/AUD. Majors only until the first day of classes.
0101 **(06935)** Biehal, G.
TuTh 12:30pm-1:45pm (VMH 1206)

BMGT760 Compensation and Performance Appraisal; (3) REG/AUD. Majors only until the first day of classes.
0101 **(06945)** Bartol, K.
M 7:00pm-9:40pm (VMH 1311)

BMGT764 Executive Power and Negotiation; (3) REG/AUD. Majors only until the first day of classes.
0101 **(06955)** Stevens, C.
MW 3:30pm-4:45pm (VMH 1311)

BMGT765 Organizational Behavior: A Multicultural Perspective; (3) REG/AUD. *Prerequisite: BMGT 660.* Majors only until the first day of classes.
0101 **(06966)** Gannon, M.
W 7:00pm-9:40pm (VMH 1314)

BMGT767 Implementing Strategy: Organizing to Compete; (3) REG/AUD. *Prerequisite: completion of the MBA core requirements or permission of department. Recommended; BMGT 690.* Majors only until the first day of classes.
0101 **(06976)** Gupta, A.
Tu 7:00pm-9:40pm (TYD 2108)
0201 **(06977)** Gupta, A.
Tu 4:00pm-6:40pm (VMH 1207)

BMGT772 Logistics Management; (3) REG/AUD. *For BMGT majors only or permission of department.* Majors only until the first day of classes.
0101 **(06986)** Evers, P.
Tu 7:00pm-9:40pm (VMH 1314)

BMGT780 New Venture Creation; (3) REG/AUD. *Prerequisite: completion of MBA core requirements or permission of department.* Majors only until the first day of classes.
GS01 **(06996)** Sherman, A.
M 7:00pm-9:40pm (Arranged)

BMGT794 The Environment of International Business; (3) REG/AUD. Majors only until the first day of classes.
0101 **(07007)** Preston, L.
W 7:00pm-9:40pm (VMH 1303)

BMGT798B Special Topics in Business and Management: Product Management; (3) REG/AUD. Majors only until the first day of classes.
0101 **(07017)** Sheinin, D.
MW 3:30pm-4:45pm (VMH 1314)

BMGT798G Special Topics in Business and Management: Business Ethics; (3) REG/AUD.
GS01 **(07048)** Loeb, S.
Tu 7:00pm-9:40pm (Arranged)

BMGT798J Special Topics in Business and Management: Business Problem Solving Using Computers; (3) REG/AUD. Majors only until first day of classes.
0101 **(07049)** Davis, F.
TuTh 3:30pm-6:10pm (VMH 2203)

BMGT798K Special Topics in Business and Management: Information Systems Analysis and Design II; (3) REG/AUD. Majors only until the first day of classes.
0101 **(07050)** Marakas, G.
M 2:00pm-4:40pm (VMH 2203)

BMGT798M Special Topics in Business and Management: The U.S. and the Challenge of China; (3) REG/AUD. Majors only until the first day of classes.
0101 **(51691)** Schwab, S.
Th 1:50pm-4:00pm (VMH 1109)

(Course listings continued on yellow page 65)

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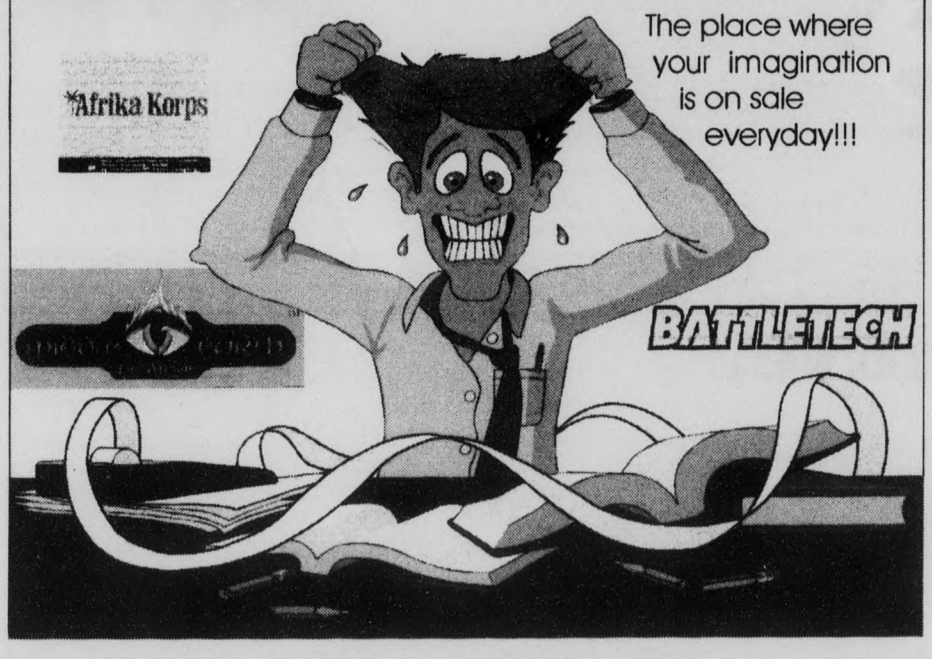

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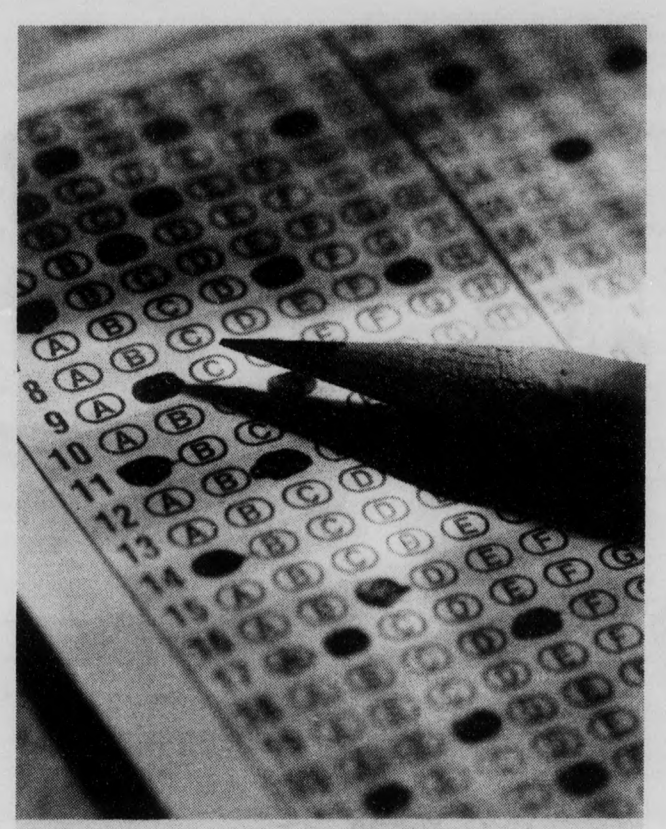

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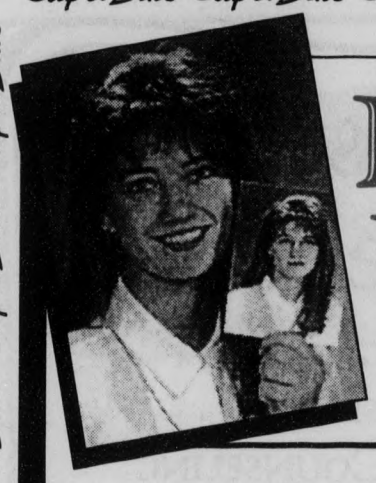

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Sept. 15 - Oct. 15

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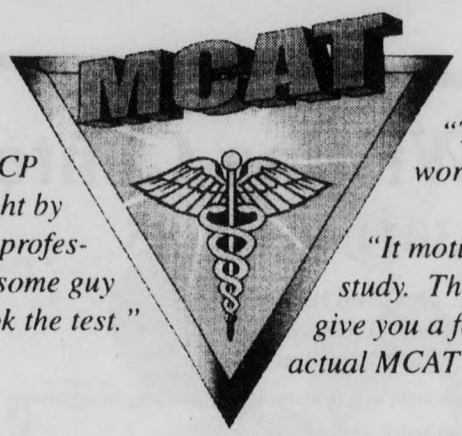

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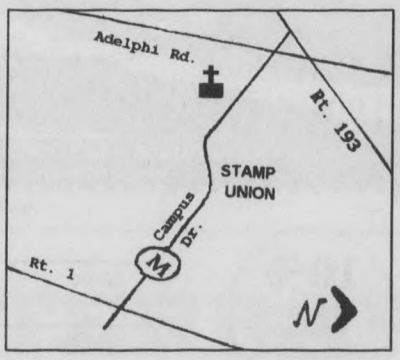
Classes start September 2, 1997.
For more information, or to register for these classes, please contact
Dr. Lucinda Jack, 1122 Symons Hall, (301) 405-0316
evening@life.umd.edu
http//www.life.umd.edu/evening/index.html

Please note: these courses are only open to post-baccalaureate students or students enrolled as Continuing Education students. These self-support classes are charged at the regular part-time rate (on a per-credit basis), even for full-time students.

******COME AND WORSHIP THE LORD *** COME AND WORSHIP THE LORD ******

예수께서 가라사대
"내가 곧 길이요 진리요 생명이니
나로 말미암지 않고는
아버지께로 올 자가 없느니라"
(요 14: 7)

•주일 낮 예배: 2 PM
•수요예배: 8 PM
•새벽기도회: 매일 5: 30 AM
(주일 6 AM)
•대학부 모임: 매주 금요일, 6:30 PM
•청년부 모임: 매주 금요일, 7:00 PM



유니버시티한인장로교회
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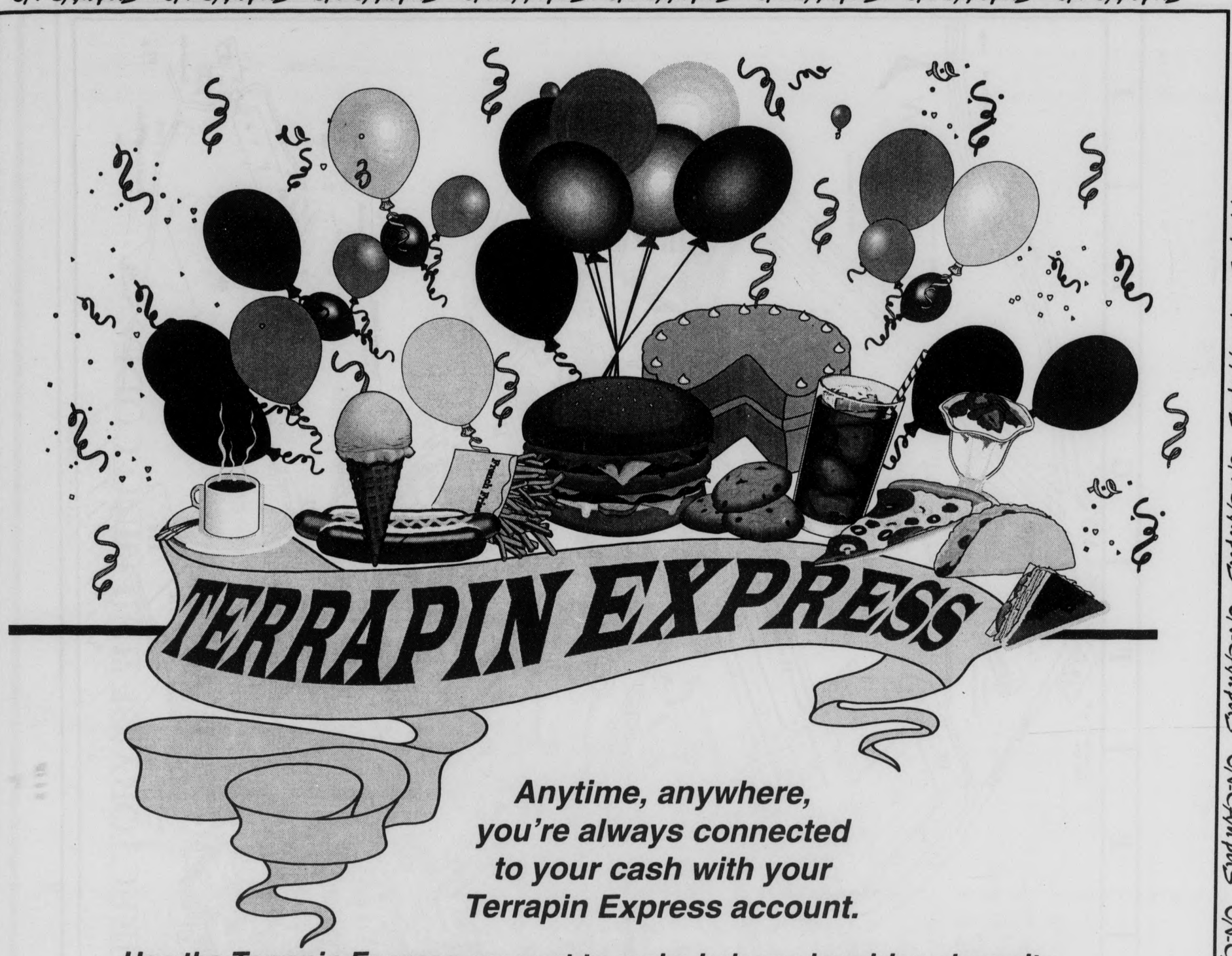

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Health Center
Hoff Theatre
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Mailboxes Etc.
Marketplace Deli
North Campus Snack & Shop
Recreation Center in Stamp Student Union
Rossborough Inn
Rudy's (Business School)
Shipley Field Concession Stands
Sneaker's Cafe (Spring '98)
South Campus Dining Room
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Splash Grill (Spring '98)
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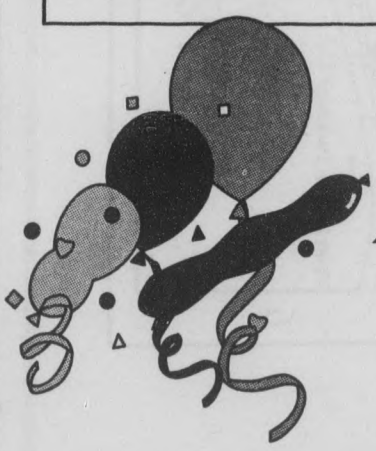

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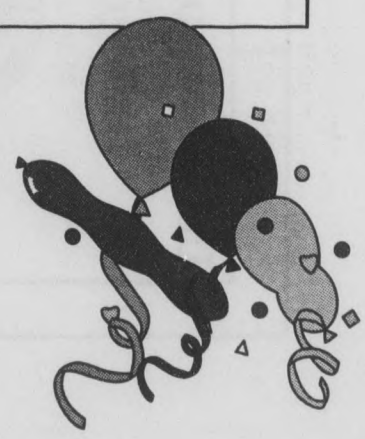

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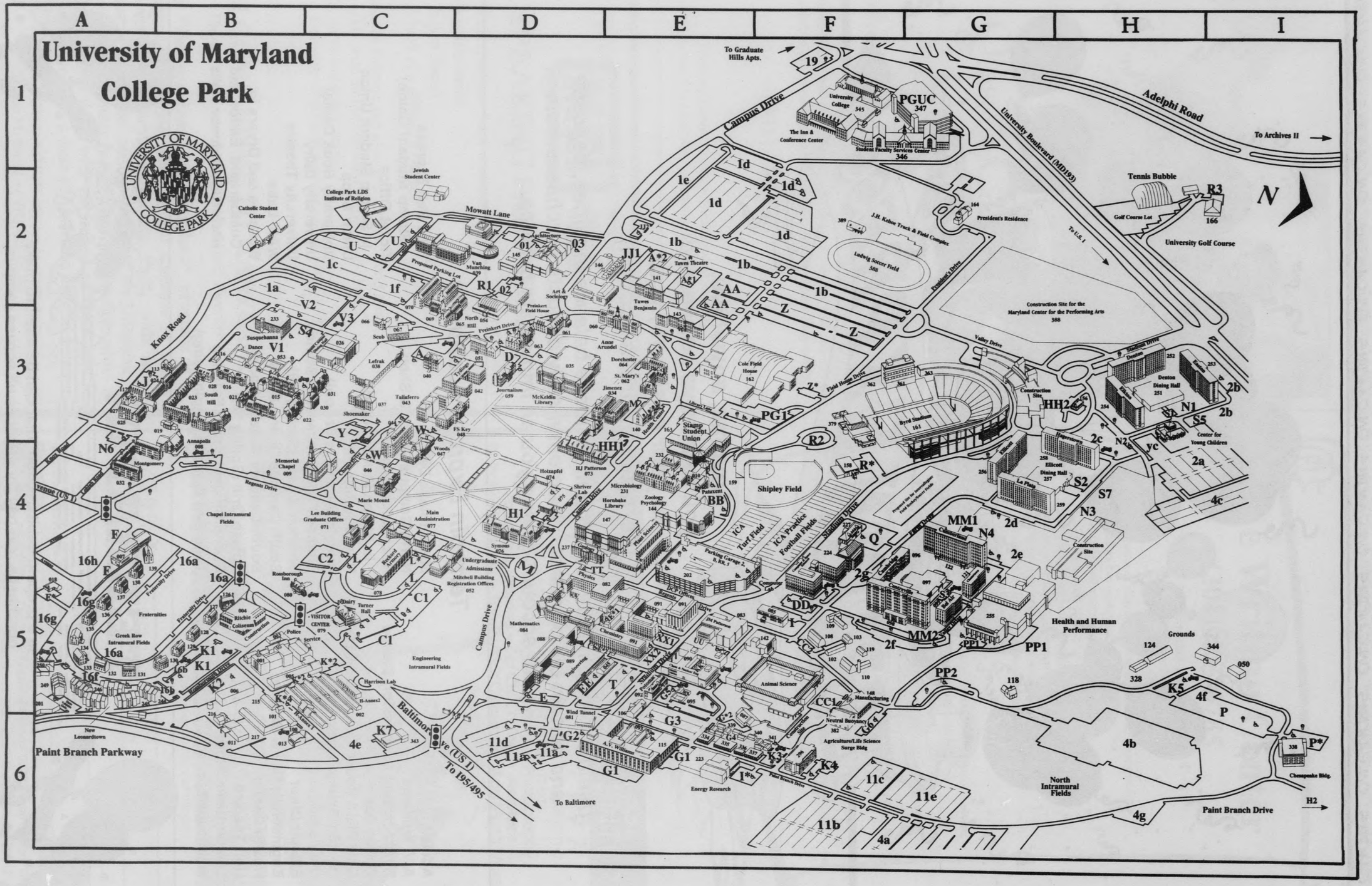
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To Graduate Hills Apts.
Campus Drive
Adelphi Road
University Boulevard (MD193)
To Archives II
PGUC
347
University College
345
The Inn & Conference Center
Student Faculty Services Center
346
Tennis Bubble
R3
166
Golf Course Lot
University Golf Course
N
President's Residence
164
J.H. Kehoe Track & Field Complex
Ludwig Soccer Field
388
To U.S. 1
President's Drive
Construction Site for the Maryland Center for the Performing Arts
388
Valley Drive
Stadium Drive
Denton
Denton Dining Hall
251
Ellicott
Ellicott Dining Hall
257
La Plata
Center for Young Children
Mowatt Lane
Jewish Student Center
College Park LDS Institute of Religion
Catholic Student Center
Knox Road
Susquehanna
Dorer
South Hill
Annapolis
Montgomery
Fraternities
Greek Row Intramural Fields
Fraternity Drive
Ritchie Coliseum
Coliseum Addition Construction
Police
VISITOR CENTER
Service
Rossborough Inn
Dairy
Turner Hall
Reckord Armory
Lee Building Graduate Offices
071
Chapel Intramural Fields
Memorial Chapel
009
Marie Mount
Regents Drive
Main Administration
077
Undergraduate Admissions
Mitchell Building Registration Offices
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Symons
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Engineering Intramural Fields
Harrison Lab
Wind Tunnel
081
Paint Branch Parkway
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To Baltimore
Preinkert Field House
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North Hill
Art Sociology
Taws Theatre
Taws Benjamin
Anne Arundel
Dorchester
St. Mary's
Jimenez
Cole Field House
162
Journalism
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HJ Patterson
073
Holzapfel
074
Shriver Lab
Microbiology
231
Hornbake Library
Zoology Psychology
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Plant Sciences
Physics
082
Mathematics
084
Chemistry
091
Engineering
089
Animal Science
Agriculture/Life Science Surge Bldg
Neutral Buoyancy
Manufacturing
148
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Shipley Field
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ICA Practice Football Fields
Parking Garage 2, 8, 8R, 7
Byrd Stadium
161
Construction Site
Health and Human Performance
Grounds
PP1
PP2
Energy Research
North Intramural Fields
Paint Branch Drive
Chesapeake Bldg.
Field House Drive
Library Lane
Fraternity Drive
Regents Drive
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Campus Drive
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SCHEDULE OF CLASSES DIRECTORY OF BUILDING CODES

AGY	Allegany Hall	A-3
ANS	Animal Sciences-Agri.Engr. Bldg	F-5
ANA	Anne Arundel Hall	E-3
ARC	Architecture Building	D-2
ARM	Reckord Armory	C-4
ASY	Art-Sociology Building	D-2
AVW	A.V. Williams Building	E-6
BAL	Baltimore Hall	B-3
BEL	Bel-Air Hall	G-5
BRD	Byrd Stadium	G-3
CAL	Calvert Hall	B-3
CAM	Cambridge Hall	F-4
CAR	Caroline Hall	C-2
CRL	Carroll Hall	C-2
CEC	Cecil Hall	B-3
CEN	Centreville Hall	F-5
CHL	Charles Hall	A-3
CHE	Chemical and Nuclear Engr	E-5
CHM	Chemistry Building	E-5
CHS	Chestertown Hall	G-4
CLB	Classroom Building	E-6
COL	Cole Student Activities Building	E-3
CSS	Computer and Space Sciences	F-4
CBD	Cumberland Hall	G-4
DNC	Dance Building	B-3
DEN	Denton Hall	H-3
DOR	Dorchester Hall	E-3
EAS	Easton Hall	H-3
EDA	Education Annex	C-3
EDU	Benjamin (Education) Building	E-3
ELK	Elkton Hall	H-3
ELL	Ellicott Hall	G-4
EGR	Engineering Classroom Bldg	D-5
EGL	Engineering Lab Building	D-5
ERB	Engineering Research Bldg	E-6
FRD	Frederick Hall	B-3
GRT	Garrett Hall	C-3
GEO	Geology Building	D-4
HAG	Hagerstown Hall	H-3
HAR	Harrison Lab	C-5
HRF	Harford Hall	B-3
HBK	Hornbake Library	E-4
HJP	H.J. Patterson Bldg	D-3
HHP	Health & Human Performance	G-5
HZF	Holzapfel Hall	D-4
HOW	Howard Hall	B-3
IPT	Inst. For Phys. Science & Tech	F-5
ITV	Instructional Television Facility	E-5
JMP	J.M. Patterson Hall	E-5
JMZ	Jimenez Hall	D-3
JRN	Journalism Building	D-3
JUL	Jull Hall	F-4
KNT	Kent Hall	B-3
KEY	Francis Scott Key Hall	D-3
LPA	La Plata Hall	G-4
LEF	LeFrak Hall	C-3
MCB	Microbiology Building	E-4
MCK	McKeldin Library	D-3
MMH	Marie Mount Hall	C-4
MNT	Montgomery Hall	A-4
MOR	Morrill Hall	C-3
MTH	Mathematics Building	D-5
NCC	Nymbruru Cultural Center	E-4
PGG	Prince George's Hall	B-3
PHY	Physics Building	D-4
PKT	Preinkert Field House	D-2
PLS	Plant Sciences Building	E-4
QAN	Queen Anne's Hall	D-3
RIT	Ritchie Coliseum	B-5
SQH	Susquehanna Hall	B-3
SHM	Shoemaker Hall	C-3
SHR	Shriver Lab	D-4
SKN	Skinner Building	C-3
SOM	Somerset Hall	D-3
SDH	South Campus Dining Hall	C-3
STM	St. Mary's Hall	E-3
SSU	Stamp Student Union	E-3
SYM	Symons Hall	D-4
TAL	Talbot Hall	C-3
TBA	To Be Arranged	
TLF	Taliaferro Hall	C-3
TYD	Tydings Hall	D-3
TUR	Turner Lab (Dairy)	C-5
TWS	Tawes Fine Arts Building	E-2
VMH	Van Munching Hall	C-2
WSH	Washington Hall	B-3
WIC	Wicomico Hall	C-3
WDS	Woods Hall	C-4
WTU	Wind Tunnel	D-5
WOR	Worcester Hall	D-3
ZOP	Zoology/Psychology Building	E-4

Apartments Galore! Apartments Galore! Apartments Galore! Apartments Galore! Apartments Galore! Apartments Galore! Apartments Galore!

Attention!!!
All University of Maryland Students...

We have the apartment home you want!

Silver Spring Area	
Chateau	(301) 434-4200
Hampshire Village	(301) 434-4349
Hampshire West	(301) 434-4400
Nob Hill	(301) 434-5951
Silver Spring Towers	(301) 585-5850
Twin Towers	(301) 587-7766
University Gardens	(301) 434-7900
Powder Mill Village	(301) 937-1030
Woodland Landing	(301) 794-8100

UMD Graduate Student Housing	
Graduate Hills & Graduate Gardens	(301) 422-0147

Hyattsville	
Top of the Park	(301) 927-5854
Highview Terrace	(301) 559-8826
Fountain Park	(301) 864-9092

Laurel Area	
Middletowne	(301) 725-7494
Laurel Park	(301) 725-5038
Laurelton Court	(301) 776-6855

New Carrollton Area	
Capital View	(301) 927-4656
Chestnut Ridge	(301) 577-4949
Fountain Club	(301) 731-5977
Wildercroft Terrace	(301) 577-0300

SOUTHERN MANAGEMENT CORPORATION

for information on ALL these apartments make ONE call to our

FREE APARTMENT LOCATORS

or stop by our office on the corner of Adelphi Rd. & University Blvd.

(301) 422-RENT

EQUAL HOUSING OPPORTUNITY

www.apt-locators.com

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Springhill Lake

5% STUDENT DISCOUNT

- 1, 2, 3, & 4 Bedroom Apartments and Townhouses
- All Utilities Included
- University of Maryland Shuttle 20 Times Per Day
- Swimming Pools, Sundeck, Tennis Courts, Basketball Courts
- Washer & Dryers
- Flexible Leases Available

EQUAL HOUSING OPPORTUNITY

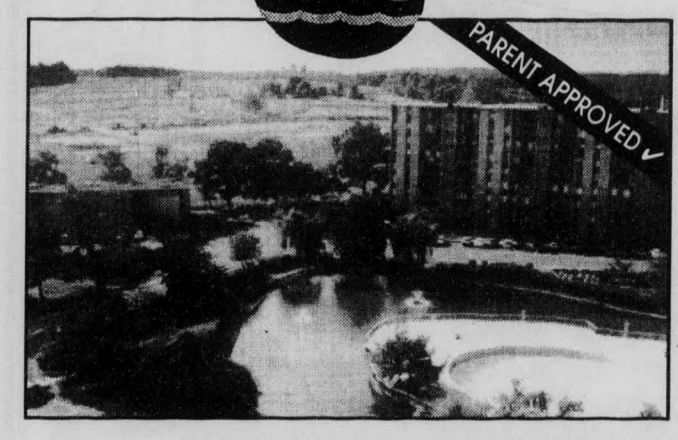
http://www.rent.net/direct/springhilllake

GIVE YOUR PARENTS A BREAK AND MOVE TO SPRINGHILL LAKE!!
APPLICATION FEE
FREE
WITH THIS COUPON

OFFICE HOURS:
Mon.-Fri. 9-5
Sat.....10-5
Sun. 12-5

9164 Edmonston Rd
Greenbelt, MD

474-1600



Get On Our Reservation List Now For Your Apartment Of Choice

SEVEN SPRINGS VILLAGE APARTMENTS

301-345-8500

- Garden and High-rise styles
- Efficiencies, 1, 2, 2 plus Den and 3 Bedroom
- Beautiful views
- **FREE UTILITIES**; Flexible Lease terms
  Furnished Apartments Available
- Gated Community
- Sports facilities include: tennis courts, basketball, volleyball, fitness facility, billiards rooms, fitness trail
- Mini convenience mall located in our village
- Refreshing swimming pool and sun deck
- Located 1/4 mile off Route 1 and the Beltway

Voted #1 place to live off-campus

EQUAL HOUSING OPPORTUNITY

Directions from UM: North on Rt. 1, Left on Cherry Hill Rd., Continue 1.4 mile to Seven Spring Village on left.

UM SHUTTLE SERVICE 18 TIMES PER DAY

ADELPHI

All the Extras for Nothing Extra

OAKTON APARTMENTS

Wall-to-Wall Carpeting • Spacious Rooms
Newly Remodeled Kitchens • Swimming Pool
Wooded Grounds • Solid Construction
Minutes to University of Maryland
Close to Metro, School, Shopping and Churches

ALL UTILITIES INCLUDED

301-434-4303

1,2, & 3 Bedroom Apartments

Open Daily 9-6
Sunday 12-5

Directions: From campus turn right on Adelphi Road. Just 3 miles and we're on the left at 9408 Adelphi Road

EQUAL HOUSING OPPORTUNITY

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APPLICATION FEE
FREE
WITH THIS COUPON

OFFICE HOURS:
Mon.-Fri. 9-5
Sat.....10-5
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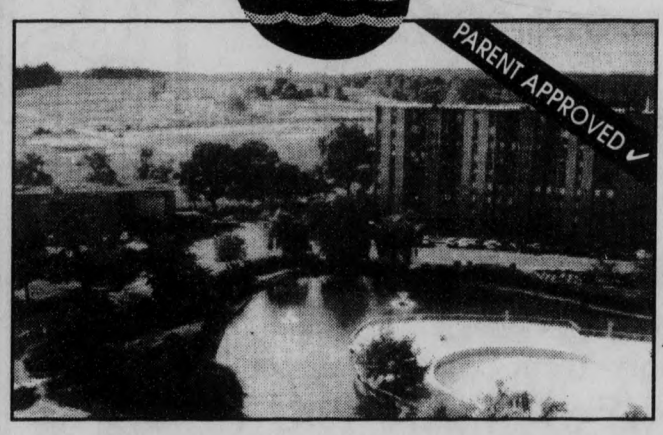
9164 Edmonston Rd
Greenbelt, MD

474-1600



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Barclay Square

A Nice Place To Come Home To
One, Two, and Three Bedroom Apartments

- All Utilities Included
- Spacious Apts
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- Walk to Shopping
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- Easy on the Budget
- Buses to Campus
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Call for current specials

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3598 Powder Mill Rd.
Beltsville, MD.

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We Won't Fail YOU at QUEENSTOWN

- Student Rent Program
- MD University Shuttle
- Pleasant Walk to Metro
- Splash in Olympic Size Pool
- Picnic in Park
- Fish in Nearby Stream
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CALL BEFORE THE BELL RINGS
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All Utilities Included

Millions of Dollars in New Renovations

BERKSHIRE TOWERS
AT SILVER SPRING

Studio, 1, 2, & 3 Bedrooms
Starting $560*

- New Shuttle Services to Metro
- Cable Ready
- 3 Lighted Tennis Courts
- Olympic Sized Pool
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- On-sight Mini-Market
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Free Prequalifying

***5% Student Discount**

You're in the Right Place

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Don't foul-up and miss:

- *Short term leases available*
- *Cable-ready TV*
- *Buses to D.C. and campus*
- *Walking distance to Hyattsville Metro*
- *Individual Heating and A/C*
- *Private balcony or patio*
- *Small pet buildings*
- *Efficiency, 1, 2 & 3 bedroom apts., some w/dens*
- *Modern, well designed kitchens (some w/dishwasher)*
- *Cathedral ceilings (top levels)*
- *Wall to Wall Carpeting*
- *Walking distance to Prince Georges Plaza Mall*
- *Pool & tennis court*

Rental Office 301-559-5041

Time's running out, so make your break for

GRADY MANAGEMENT, INC.
YOUR SIGN OF BETTER LIVING

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From Campus Drive, turn left on Adelphi Road. Continue about one mile to Belcrest Road and turn right, then right again onto Toledo Terrace to the Belcrest Plaza rental office on your right.

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Hyattsville/University of MD.

LOVE AT FIRST SIGHT

Great Specials with U of M Students in Mind!

We Offer:

✓**Low! Low!** rates
✓**Paid** Utilities
✓On U of M Shuttle route
✓**Friendly** Staff
✓**No** Security Deposit*
✓**Walk** to Shopping

Call or **stop** by our leasing center today.

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2213 University Blvd.
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*For Qualified Applicants

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ALL UM STUDENTS

1 BR's STARTING AT $540.00
2 BR's STARTING AT $645.00

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• Largest floor plans in the area • 30 day satisfactory guarantee
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Ask About Our VIP Advantage

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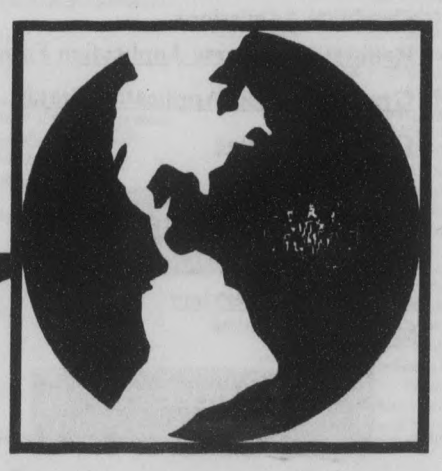
Is Molecular Genetics meeting where you thought you'd find Differential Equations? Where did your class go? Quick, grab the nearest computer and check for changes on...

The **World Wide Web**
htp://www.testudo.umd.edu

The Schedule of Classes is on the Web and updated nightly. Access it from any Wam lab or telnet to INFORM. It's easy, it's fast, it's accurate!



Are You Suffering From A Dormitory Complex?

The symptoms are pretty obvious. Generic surroundings, cramped living space, headaches from constant interruption. It's clearly a case of the dormitory complex. Luckily, Greenwich Woods offers the perfect remedy...

YOUR OWN APARTMENT!!
at
Greenwich Woods

Specials for UMD Students:
★ Security Deposit only $75.00 ★ 5% Off Rent ★ 9 Month School Term Lease
9 month school term lease
Individual Washer/Dryer • Wall to Wall carpeting • Swimming Pool
• 24 Hour Maintenance Guarantee • Gass included in the rent
• 25% Rent Equity
UM Shuttle Service 18 Times Per Day

(301) 434-0025

Directions: From campus turn right on Adelphi Road. Go to end and turn right onto New Hampshire Ave. Proceed to first traffic light. Turn right on Oakview Dr. 1 block to Greenwich Woods.

EQUAL HOUSING OPPORTUNITY

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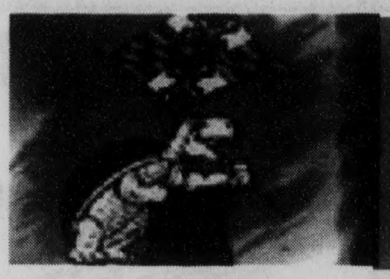

Testudo

UMCP

The University of Maryland College Park is happy to offer a wide variety of services to prospective students, current students and alumni through this one-stop-shop page. Listed below are some of the services available at the *Testudo Home Page*. Check out everything available on the *Testudo Home Page* at:

http://www.testudo.umd.edu

Records and Registration

- Venus - the ultimate course scheduler
- Venus - the text-only version - Fast!
- Change Your PIN
- Student Schedule
- View your Grades
- Student Account Inquiry
- Financial Aid Check Availability
- Waitlist Check-In
- Transcript Request
- Financial Aid Inquiry
- Schedule of Classes
- Transfer Credit Center
- Change Your Address
- Apply for Graduation
- Graduate School Application Status
- Reenrollment Status
- UMSTARS - View personal and academic information (Telnet)
- SEATS (Telnet)
- How-to Information on MARS
- Student Service Links on InforM

Financials

- About Financial Aid
- Student Account Inquiry
- Financial Aid Check Availability
- Financial Aid Inquiry
- Financial Aid Search
- FAFSA on the Web - Apply Online!
- Tuition and Fees

Housing

- Off-Campus Housing Search
- Off-Campus Housing Services
- Resident Life

Library Services

- Library Information and Resources
- Victor - Online Catalog (Telnet)

Top Links

- Venus - the ultimate course scheduler
- Schedule of Classes
- Student Schedule
- View your Grades
- Student Account Inquiry
- Transcript Request
- Waitlist Check-In
- Financial Aid Inquiry
- Change Your PIN
- Off-Campus Housing Search

Admissions

Undergraduate Admissions

- Newly Admitted Student, Enrollment / Housing Confirmation
- Undergraduate Admissions
- Apply to the University of Maryland College Park
- Request for Documents by Mail
- The Terrapin Talks - Testudo answers your questions
- Transfer Credit Center
- Reenrollment Status
- Financial Aid Search
- Download FAFSA Express from Department of Education
- Undergraduate Catalog

Graduate Admissions

- Graduate Admissions
- Request a Graduate Application Form
- Graduate School Application Status
- Graduate Catalog

Dining Services

- About Dining Services
- Meal Plan

Campus Parking

- About Campus Parking
- Display Parking Tickets
- Display Parking Tickets - non-frames version
- Apply for a Parking Permit

BMGT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. Majors only until the first day of classes. Restricted to graduate business majors.

BMGT808A Doctoral Seminar: Marketing Strategy; (3) REG/AUD.
0101 **(07119)** Shankar, V.
F 9:00am-12:00pm (VMH 3441)

BMGT808B Doctoral Seminar; (3) REG/AUD.
0101 **(07129)** Kim, O.
W 4:00pm-6:40pm (VMH 4439)

BMGT808F Doctoral Seminar: Seminar in Strategy; (3) REG/AUD.
0101 **(07139)** Gupta, A.
Tu 4:40pm-7:20pm (VMH 3327)

BMGT832 Operations Research: Optimization and Nonlinear Programming; (3) REG/AUD. *Prerequisites: {BMGT 830; and MATH 241; or equivalent}; or permission of department.*
0101 **(07223)** Widhelm, W.
Th 3:30pm-6:10pm (VMH 3327)

BMGT833 Operations Research: Integer Programming; (3) REG/AUD. *Prerequisites: {BMGT 830; and MATH 241 or equivalent}; or permission of department.*
0101 **(07233)** Ball, M.
M 4:00pm-6:40pm (VMH 3327)

BMGT840 *(PermReq)* **Seminar in Financial Theory; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(07243)** Maksimovic, V.
Th 7:00pm-9:40pm (VMH 1207)

BMGT845 *(PermReq)* **Seminar in Financial Institutions and Markets; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(07253)** Unal, H.
Tu 3:00pm-5:40pm (VMH 4333)

BMGT865 Seminar in Comparative Theories of Organization; (3) REG/AUD. *Prerequisite: BMGT 764 or equivalent; or permission of department.*
0101 **(07263)** Wally, S.
M 2:00pm-4:40pm (VMH 3441)

BMGT882 Applied Multivariate Analysis I; (3) REG/AUD. *Prerequisite: BMGT 733 or equivalent.*
0101 **(07273)** Kotz, S.
M 4:00pm-6:40pm (VMH 4439)

BMGT899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

BSOS Behavioral and Social Sciences
(Behavioral and Social Sciences)

BSOS346 *(PermReq)* **Internship in Political Institutions: State and Local Government; (3-6)** REG. *Prerequisite: permission of department.*
0101 **(07446)** Webster, S.
M 4:30pm-6:30pm (TLF 2101)
Time and room to be arranged Dis

BSOS356 *(PermReq)* **Internship in Political Institutions: Federal and International; (3-6)** REG. *Prerequisite: permission of department.*
0101 **(07456)** Webster, S.
M 4:30pm-6:30pm (TLF 2101)
Time and room to be arranged Dis

BSOS359C Contemporary Issues in Political Leadership and Participation: The Role of Advocacy in the American Political Process; (3) REG.
0101 **(07466)** Evans, G.
M 3:00pm-4:30pm (TYD 0101)
Time and room to be arranged Dis

BSOS359F Contemporary Issues in Political Leadership and Participation: African-American Political Participation in American Politics; (3) REG.
0101 **(07476)** Brazile, D.
W 7:00pm-9:40pm (LEF 1222)

BSOS359G Contemporary Issues in Political Leadership and Participation: Women in Politics - Do They Make a Difference?; (3) REG.
0101 **(07486)** Boergers, M.
Tu 6:00pm-8:40pm (TYD 1108)

BSOS359L Contemporary Issues in Political Leadership and Participation: Black Leadership Organization and Movements; (3) REG.
0101 **(07496)** Walters, R.
W 2:00pm-4:30pm (TLF 1101)

BSOS359M Contemporary Issues in Political Leadership and Participation: Action, Change and Leadership in Groups; (3) REG.
0101 **(07506)** Green, Z.
Tu 2:00pm-4:40pm (JMZ 1109)

BSOS366 *(PermReq)* **Internship in Community Service Organizations; (3-6)** REG. *Prerequisite: permission of department.*
0101 **(07516)** McGovern, E.
M 10:00am-12:00pm (TYD 0111)
Time and room to be arranged Dis

BSOS386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

BSOS388 Behavioral and Social Sciences Special Topics; (1) REG/P-F.
0101 **(07528)** Schmidt, T.
M 1:00pm-3:00pm (LEF 1222)
0201 **(07529)** Mattson, P.
W 3:00pm-5:00pm (KEY 0120)

BSOS396 *(PermReq)* **Fellowship Program in Political Leadership; (3-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department and acceptance of full-time fellowship program. Corequisite: BSOS 346, BSOS 356 or BSOS 366.*

BSOS399 *(PermReq)* **Directed Study in Behavioral and Social Sciences; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CCJS Criminology and Criminal Justice
(Behavioral and Social Sciences)

CCJS100 Introduction to Criminal Justice; (3) REG/P-F/AUD. CORE: SB *Formerly CJUS 100.*
0101 **(07594)** Fisher-Stewart, G.
TuTh 4:00pm-4:50pm (ZOP 1240)
M 9:00am-9:50am (LEF 1220) Dis
0102 **(07595)** Fisher-Stewart, G.
TuTh 4:00pm-4:50pm (ZOP 1240)
M 11:00am-11:50am (LEF 1220) Dis
0103 **(07596)** Fisher-Stewart, G.
TuTh 4:00pm-4:50pm (ZOP 1240)
M 12:00pm-12:50pm (LEF 1220) Dis
0104 **(07597)** Fisher-Stewart, G.
TuTh 4:00pm-4:50pm (ZOP 1240)
Tu 9:00am-9:50am (LEF 1222) Dis
0105 **(07598)** Fisher-Stewart, G.
TuTh 4:00pm-4:50pm (ZOP 1240)
Tu 10:00am-10:50am (LEF 1222) Dis
0106 **(07599)** Fisher-Stewart, G.
TuTh 4:00pm-4:50pm (ZOP 1240)
Tu 11:00am-11:50am (ARM 0119) Dis
0107 **(07600)** Fisher-Stewart, G.
TuTh 4:00pm-4:50pm (ZOP 1240)
Tu 12:00pm-12:50pm (MMH 3418) Dis
0108 **(07601)** Fisher-Stewart, G.
TuTh 4:00pm-4:50pm (ZOP 1240)
W 10:00am-10:50am (LEF 1220) Dis
0109 **(07602)** Fisher-Stewart, G.
TuTh 4:00pm-4:50pm (ZOP 1240)
W 12:00pm-12:50pm (ASY 3215) Dis
0110 **(07603)** Fisher-Stewart, G.
TuTh 4:00pm-4:50pm (ZOP 1240)
W 2:00pm-2:50pm (ASY 3215) Dis
0111 **(07604)** Fisher-Stewart, G.
TuTh 4:00pm-4:50pm (ZOP 1240)
Th 12:00pm-12:50pm (MMH 3418) Dis
0112 **(07605)** Fisher-Stewart, G.
TuTh 4:00pm-4:50pm (ZOP 1240)
Th 1:00pm-1:50pm (MMH 3418) Dis
0113 **(07606)** Fisher-Stewart, G.
TuTh 4:00pm-4:50pm (ZOP 1240)
F 1:00pm-1:50pm (LEF 1220) Dis

CCJS100+ Introduction to Criminal Justice; (3) REG/P-F/AUD. CORE: SB *Formerly CJUS 100.*
Restricted to students in a First Year Focus Cluster.
0101 **(07616)** Fisher-Stewart, G.
TuTh 4:00pm-4:50pm (ZOP 1240)
M 9:00am-9:50am (LEF 1220) Dis

CCJS100H Introduction to Criminal Justice; (3) REG/P-F/AUD. CORE: SB *Formerly CJUS 100.*
For general honors students only.
0101 **(07626)** STAFF
TuTh 4:00pm-4:50pm (ZOP 1240)
Th 3:00pm-3:50pm (PLS 1117) Dis

CCJS105 Introduction to Criminology; (3) REG/P-F/AUD. CORE: SB *Formerly CRIM 220.*
0101 **(07638)** Chapman, B.
MW 10:00am-10:50am (SKN 0200)
M 9:00am-9:50am (LEF 1201) Dis
0102 **(07639)** Chapman, B.
MW 10:00am-10:50am (SKN 0200)
M 11:00am-11:50am (LEF 1201) Dis
0103 **(07640)** Chapman, B.
MW 10:00am-10:50am (SKN 0200)
Tu 9:00am-9:50am (TYD 1128) Dis
0104 **(07641)** Chapman, B.
MW 10:00am-10:50am (SKN 0200)
Tu 2:00pm-2:50pm (HBK 1108) Dis
0105 **(07642)** Chapman, B.
MW 10:00am-10:50am (SKN 0200)
Tu 3:00pm-3:50pm (KEY 0121) Dis
0106 **(07643)** Chapman, B.
MW 10:00am-10:50am (SKN 0200)
W 9:00am-9:50am (LEF 1201) Dis
0107 **(07644)** Chapman, B.
MW 10:00am-10:50am (SKN 0200)
W 11:00am-11:50am (LEF 1222) Dis
0108 **(07645)** Chapman, B.
MW 10:00am-10:50am (SKN 0200)
Th 12:00pm-12:50pm (JMZ 0125) Dis
0109 **(07646)** Chapman, B.
MW 10:00am-10:50am (SKN 0200)
Th 1:00pm-1:50pm (ZOP 1232) Dis
0110 **(07647)** Chapman, B.
MW 10:00am-10:50am (SKN 0200)
F 11:00am-11:50am (TYD 2110) Dis
0201 **(07648)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
M 10:00am-10:50am (LEF 1221) Dis
0202 **(07649)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
M 1:00pm-1:50pm (LEF 1220) Dis
0203 **(07650)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
Tu 10:00am-10:50am (HJP 1229) Dis
0204 **(07651)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
Tu 2:00pm-2:50pm (TYD 1128) Dis
0205 **(07652)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
W 10:00am-10:50am (LEF 1221) Dis
0206 **(07653)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
W 12:00pm-12:50pm (MMH 3418) Dis
0207 **(07654)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
Th 9:00am-9:50am (JMZ 0125) Dis
0208 **(07655)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
Th 10:00am-10:50am (JMP 3105) Dis
0209 **(07656)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
Th 2:00pm-2:50pm (HBK 1108) Dis
0210 **(07657)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
F 12:00pm-12:50pm (TYD 1128) Dis

CCJS200 Statistics for Criminology and Criminal Justice; (3) REG/P-F/AUD. *Prerequisites: MATH 111 and (CCJS 100 or CCJS 105) or permission of department.*
0101 **(07667)** Tseloni, A.
MW 10:00am-10:50am (SQH 1120)
F 10:00am-10:50am (SYM 1308) Dis
0102 **(07668)** Tseloni, A.
MW 10:00am-10:50am (SQH 1120)
Th 9:00am-9:50am (TYD 1128) Dis
0103 **(07669)** Tseloni, A.
MW 10:00am-10:50am (SQH 1120)
Th 11:00am-11:50am (ARM 0103) Dis
0201 **(07670)** STAFF
TuTh 9:30am-10:45am (SQH 1105)
Tu 1:00pm-1:50pm (PLS 1146) Dis
0202 **(07671)** STAFF
TuTh 9:30am-10:45am (SQH 1105)
Tu 2:00pm-2:50pm (PLS 1158) Dis

CCJS230 Criminal Law in Action; (3) REG/P-F/AUD. *Formerly CJUS 230.*
0201 **(07679)** Russell, K.
TuTh 9:30am-10:45am (LEF 2205)

CCJS234 Law of Criminal Investigation; (3) REG/P-F/AUD. *Prerequisite: CCJS 230. Formerly CJUS 234.*
0101 **(07689)** Johnston, D.
TuTh 8:00am-9:15am (KEY 0106)

CCJS300 *(PermReq)* **Criminological and Criminal Justice Research Methods; (3)** REG. *Prerequisites: CCJS 100 and CCJS 105; and one of the following: CCJS 200 or SOCY 201 or PSYC 200 or ECON 321 or BMGT 230. Formerly CJUS 300.*
0101 **(07699)** Brooks, L.
MWF 9:00am-9:50am (TYD 2111)
0201 **(07700)** Brooks, L.
MWF 11:00am-11:50am (KEY 0102)
0301 **(07701)** STAFF
TuTh 12:30pm-1:45pm (ZOP 1236)

CCJS320 Introduction to Criminalistics; (3) REG/P-F/AUD. *Prerequisite: CCJS 234. Formerly CJUS 320.*
0101 **(07711)** Mauriello, T.
MW 6:00pm-7:15pm (LEF 2205)
MW 6:00pm-7:15pm (LEF 0208) Lab
0201 **(07712)** Mauriello, T.
MW 7:30pm-8:45pm (LEF 2205)
MW 7:30pm-8:45pm (LEF 0208) Lab

CCJS330 Contemporary Criminological Issues; (3) REG/P-F/AUD. *Prerequisite: CCJS 105. Formerly CRIM 330.*
0201 **(07722)** Zumbrun, A.
TuTh 11:00am-12:15pm (SYM 0200)
0301 **(07723)** Cosper, G.
W 7:00pm-9:40pm (TYD 2111)

CCJS340 Concepts of Law Enforcement Administration; (3) REG/P-F/AUD. *Prerequisite: CCJS 100 or equivalent. Formerly CJUS 340.*
0101 **(07733)** Brooks, L.
MWF 10:00am-10:50am (KEY 0102)
0201 **(07734)** Carr, T.
Tu 4:00pm-6:45pm (ASY 2203)
0301 **(07735)** Fisher-Stewart, G.
TuTh 11:00am-12:15pm (LEF 2208)

CCJS350 Juvenile Delinquency; (3) REG/P-F/AUD. *Prerequisite: CCJS 105. Formerly CRIM 450.*
0101 **(07745)** Myers, D.
MWF 10:00am-10:50am (ARM 0131)
0201 **(07747)** Myers, D.
TuTh 11:00am-12:15pm (CSS 2324)
0301 **(07746)** Sealock, M.
TuTh 11:00am-12:15pm (SHM 2101)

CCJS352 Drugs and Crime; (3) REG/P-F/AUD. *Prerequisite: CCJS 100. Formerly CJUS 352.*
0101 **(07756)** Taxman, F.
TuTh 2:00pm-3:15pm (LEF 2205)

CCJS357 Industrial and Retail Security Administration; (3) REG/P-F/AUD. *Prerequisite: CCJS 100 or permission of department. Formerly CJUS 360.*
0101 **(07766)** Eck, J.
Tu 3:30pm-6:00pm (TYD 1101)

CCJS359 *(PermReq)* **Field Training in Criminology and Corrections; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: (CCJS 105 or CRIM 220) and (CCJS 350 or CRIM 450), majors only, and permission of department.

CCJS386 *(PermReq)* **Experiential Learning; (3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor and student's internship sponsor. 56 semester hours.* Prerequisites: junior standing by August 1997; a 3.2 cumulative GPA; and a grade of "A" in the course in which assisting.

CCJS388H Independent Reading Course in Criminology and Criminal Justice; (3) REG. Honors students only.
0101 **(07800)** Sherman, L.
W 3:00pm-4:30pm (LEF 2220R)
Time and room to be arranged Dis

CCJS389H *(PermReq)* **Independent Research in Criminology and Criminal Justice; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Honors only.

CCJS398 *(PermReq)* **Law Enforcement Field Training; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: junior standing. Majors only.

CCJS399 *(PermReq)* **Independent Study in Criminology and Criminal Justice; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written consent of faculty under whose direction the study is to be performed, and at least twelve hours of CCJS credits.

CCJS432 *(PermReq)* **Law of Corrections; (3)** REG/P-F/AUD. *Prerequisites: CCJS 230 or CCJS 234; and CCJS 105; and CCJS 300. Formerly CRIM 432.*
0101 **(07840)** Zumbrun, A.
TuTh 12:30pm-1:45pm (SYM 0200)

CCJS451 *(PermReq)* **Crime and Delinquency Prevention; (3)** REG/P-F/AUD. *Prerequisites: CCJS 105 or CCJS 350 or permission of department; and CCJS 300. Formerly CRIM 451.*
0101 **(07860)** Fisher-Stewart, G.
MWF 9:00am-9:50am (JMZ 0105)

CCJS452 *(PermReq)* **Treatment of Criminals and Delinquents; (3)** REG/P-F/AUD. *Prerequisites: CCJS 105 or CCJS 350 or permission of department; and CCJS 300. Formerly CRIM 452.*
0101 **(07870)** Gaston, A.
TuTh 2:00pm-3:15pm (TYD 1101)

CCJS454 *(PermReq)* **Contemporary Criminological Theory; (3)** REG/P-F/AUD. *Prerequisites: CCJS 105; and CCJS 300; and CCJS 350. Formerly CRIM 454.*
0101 **(07880)** Chapman, B.
TuTh 12:30pm-1:45pm (LEF 2208)

CCJS498C *(PermReq)* **Selected Topics in Criminology and Criminal Justice: Police and Campus Interaction; (3)** REG/P-F/AUD.
0101 **(07890)** Wellford, C.
MW 3:30pm-4:45pm (LEF 2205)

CCJS498D *(PermReq)* **Selected Topics in Criminology and Criminal Justice: Fundamental for Criminological Research; (3)** REG.
0101 **(07900)** Tseloni, A.
M 4:00pm-6:45pm (LEF 1201)

CCJS600 Criminal Justice; (3) REG/AUD. *Prerequisites: admission to the graduate program in criminal justice or permission of department. Formerly CJUS 600.*
0101 **(07910)** Sherman, L.
W 4:00pm-6:45pm (LEF 2208)

CCJS652 Seminar in Juvenile Delinquency; (3) REG/AUD. *Formerly CRIM 652.*
0101 **(07911)** Gottfredson, D.
W 4:00pm-6:45pm (LEF 1201)

CCJS670 Race and Crime; (3) REG/AUD.
0101 **(07912)** Russell, K.
W 1:00pm-3:45pm (LEF 1220)

CCJS699 Special Criminological Problems; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CCJS699B *(PermReq)* **Special Criminological Problems: Women and Crime; (3)** REG/AUD.
0101 **(07930)** Simpson, S.
M 4:00pm-6:45pm (KEY 0117)

CCJS699L Special Criminological Problems; (3) REG/AUD.
0101 **(07931)** Smith, D.
Tu 4:00pm-6:45pm (LEF 1221)

CCJS699P Special Criminological Problems: Psychology of Crime and Justice; (3) REG/AUD.
0101 **(07939)** Mackenzie, D.
Th 4:00pm-6:45pm (LEF 1222)

CCJS699R Special Criminological Problems: Policy Analysis for Crime Control; (1-3) REG/AUD.
0101 **(07940)** Reuter, P.
Tu 4:00pm-7:00pm (LEF 1222)

CCJS799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CCJS899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CHEM Chemistry
(Life Sciences)

CHEM103 General Chemistry I; (4) REG/P-F/AUD. CORE: PL. *Prerequisite: placement in MATH 110 or higher. Recommended: placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143.* Laboratory sessions will begin after the first lecture.
3114 **(08025)** Winkler, D.
MWF 8:00am-8:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1105) Lab
Tu 8:00am-8:50am (CHM 0127) Dis
3115 **(08026)** Winkler, D.
MWF 8:00am-8:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1106) Lab
Tu 8:00am-8:50am (CHE 2140) Dis
3124 **(08027)** Winkler, D.
MWF 8:00am-8:50am (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1105) Lab
Tu 8:00am-8:50am (CHE 2145) Dis
3125 **(08028)** Winkler, D.
MWF 8:00am-8:50am (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1106) Lab
Tu 8:00am-8:50am (EGR 0110) Dis
3127 **(08029)** Winkler, D.
MWF 8:00am-8:50am (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1105) Lab
Tu 8:00am-8:50am (CHE 2116) Dis
3134 **(08030)** Winkler, D.
MWF 8:00am-8:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1105) Lab
Tu 9:00am-9:50am (EGR 0102) Dis
3135 **(08031)** Winkler, D.
MWF 8:00am-8:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1106) Lab
Tu 9:00am-9:50am (CHM 0124) Dis
3136 **(08032)** Winkler, D.
MWF 8:00am-8:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1111) Lab
Tu 9:00am-9:50am (JMP 3105) Dis
3144 **(08033)** Winkler, D.
MWF 8:00am-8:50am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1105) Lab
Tu 9:00am-9:50am (EGR 3111) Dis
3145 **(08034)** Winkler, D.
MWF 8:00am-8:50am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1106) Lab
Tu 9:00am-9:50am (CHE 2120) Dis

(CHEM103 cont'd)

3154 **(08035)** Winkler, D.
MWF 8:00am-8:50am (CHM 1407)
F 12:00pm-2:50pm (CHM 1105) Lab
Tu 8:00am-8:50am (CHM 0124) Dis

3214 **(08036)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1109) Lab
Th 8:00am-8:50am (EGR 0102) Dis

3215 **(08037)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1110) Lab
Th 8:00am-8:50am (EGR 3111) Dis

3224 **(08038)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1109) Lab
Th 8:00am-8:50am (CHE 2120) Dis

3225 **(08039)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1112) Lab
Th 8:00am-8:50am (CHM 0124) Dis

3228 **(08040)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1109) Lab
Th 8:00am-8:50am (EGR 2112) Dis

3234 **(08041)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1109) Lab
Th 9:00am-9:50am (EGR 0102) Dis

3235 **(08042)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1110) Lab
Th 9:00am-9:50am (EGR 3111) Dis

3244 **(08043)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1109) Lab
Th 9:00am-9:50am (CHE 2120) Dis

3245 **(08044)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1110) Lab
Th 9:00am-9:50am (CHM 0124) Dis

3254 **(08045)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
F 12:00pm-2:50pm (CHM 1106) Lab
Th 9:00am-9:50am (EGR 3102) Dis

3311 **(08046)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
M 8:00am-10:50am (CHM 1112) Lab
Tu 11:00am-11:50am (CHE 2116) Dis

3314 **(08047)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1112) Lab
Tu 11:00am-11:50am (CHM 0119) Dis

3315 **(08048)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1111) Lab
Tu 11:00am-11:50am (CHE 2140) Dis

3317 **(08049)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
M 3:00pm-5:50pm (CHM 1112) Lab
Tu 11:00am-11:50am (CHM 0127) Dis

3327 **(08050)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1112) Lab
Tu 11:00am-11:50am (EGR 2154) Dis

3331 **(08051)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
W 8:00am-10:50am (CHM 1112) Lab
Tu 12:00pm-12:50pm (CHM 0128) Dis

3334 **(08052)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1112) Lab
Tu 12:00pm-12:50pm (CHM 0124) Dis

3337 **(08053)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
W 3:00pm-5:50pm (CHM 1112) Lab
Tu 12:00pm-12:50pm (CHE 2140) Dis

3344 **(08054)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1112) Lab
Tu 12:00pm-12:50pm (CHM 2201) Dis

3347 **(08055)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
Th 3:00pm-5:50pm (CHM 1105) Lab
Tu 12:00pm-12:50pm (CHE 2116) Dis

3354 **(08056)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
F 12:00pm-2:50pm (CHM 1112) Lab
Tu 11:00am-11:50am (ARM 0118) Dis

3411 **(08057)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
M 8:00am-10:50am (CHM 1105) Lab
Th 12:00pm-12:50pm (EGR 0102) Dis

3417 **(08058)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1105) Lab
Th 12:00pm-12:50pm (EGR 3111) Dis

3424 **(08059)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1110) Lab
Th 12:00pm-12:50pm (EGR 3102) Dis

3427 **(08060)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1106) Lab
Th 12:00pm-12:50pm (CHE 2140) Dis

3431 **(08061)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
W 8:00am-10:50am (CHM 1105) Lab
Th 1:00pm-1:50pm (EGR 0102) Dis

3437 **(08062)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1106) Lab
Th 1:00pm-1:50pm (EGR 3111) Dis

3441 **(08063)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
Th 8:00am-10:50am (CHM 1106) Lab
Th 1:00pm-1:50pm (CHM 2201) Dis

3447 **(08064)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
Th 3:00pm-5:50pm (CHM 1106) Lab
Th 1:00pm-1:50pm (CHE 2118) Dis

3511 **(08066)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
M 8:00am-10:50am (CHM 1110) Lab
Tu 1:00pm-1:50pm (EGR 3111) Dis

3517 **(08067)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1110) Lab
Tu 1:00pm-1:50pm (EGR 1110) Dis

3521 **(08068)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1110) Lab
Tu 1:00pm-1:50pm (ARM 0120) Dis

3522 **(08069)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1111) Lab
Tu 1:00pm-1:50pm (CHE 2118) Dis

3523 **(08070)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1106) Lab
Tu 1:00pm-1:50pm (PHY 1402) Dis

3527 **(08071)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1110) Lab
Tu 1:00pm-1:50pm (EGR 2112) Dis

3531 **(08072)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
W 8:00am-10:50am (CHM 1110) Lab
Tu 2:00pm-2:50pm (EGR 3111) Dis

3537 **(08073)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1105) Lab
Tu 2:00pm-2:50pm (EGR 3102) Dis

3542 **(08074)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Th 8:00am-10:50am (CHM 1111) Lab
Tu 2:00pm-2:50pm (CHE 2118) Dis

3544 **(08075)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Th 12:00pm-2:50pm (CHM 1111) Lab
Tu 2:00pm-2:50pm (CHE 2116) Dis

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8101 **(*****)** Chang, E.
M 6:30pm-10:30pm (CHM 1402)
W 6:30pm-9:30pm (Arranged) Lab

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Dr. Lucinda Jack, 1122 Symons Hall; phone (301)405-0316; email: evening@life.umd.edu).

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CHEM103+ General Chemistry I; (4) REG/P-F/AUD. CORE: PL. *Prerequisite: placement in MATH 110 or higher. Recommended: placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143.* Restricted to students in a First Year Focus Cluster or College Park Scholars - Life Sciences.

3147 **(08088)** Winkler, D.
MWF 8:00am-8:50am (CHM 1407)
Th 3:00pm-5:50pm (CHM 1111) Lab
Tu 9:00am-9:50am (CHE 2116) Dis
Restricted to College Park Scholars - Life Sciences.

3227 **(08089)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1111) Lab
Th 8:00am-8:50am (CHE 2116) Dis
Restricted to College Park Scholars - Life Sciences.

3247 **(08090)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Th 3:00pm-5:50pm (CHM 1110) Lab
Th 9:00am-9:50am (CHE 2116) Dis
Restricted to College Park Scholars - Life Sciences.

3348 **(08091)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
Th 3:00pm-5:50pm (CHM 1112) Lab
Tu 12:00pm-12:50pm (CHE 2145) Dis
Restricted to College Park Scholars - Life Sciences.

3425 **(08092)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1111) Lab
Th 12:00pm-12:50pm (CHE 2116) Dis
Restricted to students in a First Year Focus Cluster.

3448 **(08094)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
Th 3:00pm-5:50pm (CHM 1109) Lab
Th 1:00pm-1:50pm (CHM 0127) Dis
Restricted to College Park Scholars - Science, Discovery, and Universe.

3541 **(08093)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Th 8:00am-10:50am (CHM 1110) Lab
Th 2:00pm-2:50pm (CHE 2118) Dis
Restricted to College Park Scholars - Life Sciences.

CHEM103H General Chemistry I; (4) REG/P-F/AUD. CORE: PL. *Prerequisite: placement in MATH 110 or higher. Recommended: placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143.* For general honors students only.

0317 **(08103)** Mignerey, A.
MWF 10:00am-10:50am (CHM 1402)
M 3:00pm-5:50pm (CHM 1109) Lab
Th 8:00am-8:50am (EGR 3114) Dis

0337 **(08104)** Mignerey, A.
MWF 10:00am-10:50am (CHM 1402)
W 3:00pm-5:50pm (CHM 1109) Lab
Th 9:00am-9:50am (EGR 3114) Dis

0354 **(08105)** Mignerey, A.
MWF 10:00am-10:50am (CHM 1402)
F 12:00pm-2:50pm (CHM 1109) Lab
Th 8:00am-8:50am (CHM 0127) Dis

CHEM113 General Chemistry II; (4) REG/P-F/AUD. CORE: PL. *Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 113 or CHEM 115.* Laboratory sessions will begin after the first lecture.

4111 **(08125)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
M 8:00am-10:50am (CHM 1128) Lab
M 1:00pm-1:50pm (CHE 2116) Dis

4117 **(08126)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
M 3:00pm-5:50pm (CHM 1128) Lab
M 1:00pm-1:50pm (CHM 0122) Dis

4124 **(08127)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1128) Lab
M 1:00pm-1:50pm (ARM 0108) Dis

4125 **(08128)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1208) Lab
M 1:00pm-1:50pm (ARM 0120) Dis

4131 **(08129)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
W 8:00am-10:50am (CHM 1128) Lab
M 2:00pm-2:50pm (CHE 2136) Dis

4134 **(08130)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
W 12:00pm-2:50pm (CHM 1128) Lab
M 2:00pm-2:50pm (ARM 0102) Dis

4137 **(08131)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
W 3:00pm-5:50pm (CHM 1128) Lab
M 2:00pm-2:50pm (EGR 0108) Dis

4144 **(08132)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1128) Lab
M 2:00pm-2:50pm (ARM 0108) Dis

4145 **(08133)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1208) Lab
M 2:00pm-2:50pm (ARM 0120) Dis

4154 **(08134)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
F 12:00pm-2:50pm (CHM 1128) Lab
M 1:00pm-1:50pm (ARM 0102) Dis

4211 **(08135)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
M 8:00am-10:50am (CHM 1208) Lab
W 1:00pm-1:50pm (CHM 0119) Dis

4214 **(08136)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1208) Lab
W 1:00pm-1:50pm (ARM 0102) Dis

4215 **(08137)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1128) Lab
W 1:00pm-1:50pm (ARM 0101) Dis

4217 **(08138)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1208) Lab
W 1:00pm-1:50pm (PHY 4220) Dis

4221 **(08139)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1208) Lab
W 1:00pm-1:50pm (ARM 0108) Dis

4227 **(08140)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1208) Lab
W 1:00pm-1:50pm (EGR 1110) Dis

4228 **(08141)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1128) Lab
W 1:00pm-1:50pm (EGR 0102) Dis

4231 **(08142)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
W 8:00am-10:50am (CHM 1208) Lab
W 2:00pm-2:50pm (CHE 2120) Dis

4237 **(08143)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1208) Lab
W 2:00pm-2:50pm (CHM 0122) Dis

4241 **(08144)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
Th 8:00am-10:50am (CHM 1128) Lab
W 2:00pm-2:50pm (ARM 0108) Dis

4247 **(08145)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
Th 3:00pm-5:50pm (CHM 1208) Lab
W 2:00pm-2:50pm (EGR 1110) Dis

4254 **(08146)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1208) Lab
W 2:00pm-2:50pm (ARM 0102) Dis

4255 **(08147)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1111) Lab
W 2:00pm-2:50pm (EGR 3114) Dis

4256 **(08148)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1110) Lab
W 2:00pm-2:50pm (EGR 2112) Dis

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8101 **(*****)** Dusold, L.
M 6:30pm-10:30pm (PHY 1221)
W 6:30pm-9:30pm (Arranged) Lab

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CHEM133 General Chemistry for Engineers; (4) REG/P-F/AUD. *Prerequisite: one year of high school chemistry. Corequisite: MATH 140. For ENGR majors only. Not open to students who have completed CHEM 102, CHEM 103, CHEM 107, CHEM 111, CHEM 113, CHEM 143 or CHEM 153.*

6121 **(08160)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1119) Lab
M 11:00am-11:50am (ARM 0119) Dis

6124 **(08161)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1122) Lab
M 11:00am-11:50am (CHE 2116) Dis

6127 **(08162)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1119) Lab
M 11:00am-11:50am (CHE 2118) Dis

6128 **(08163)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1122) Lab
M 11:00am-11:50am (CHE 2140) Dis

6131 **(08164)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
W 8:00am-10:50am (CHM 1119) Lab
M 12:00pm-12:50pm (CHM 0122) Dis

6141 **(08166)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Th 8:00am-10:50am (CHM 1119) Lab
M 12:00pm-12:50pm (ARM 0103) Dis

6144 **(08167)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Th 12:00pm-2:50pm (CHM 1122) Lab
M 12:00pm-12:50pm (ARM 0108) Dis

6145 **(08168)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Th 12:00pm-2:50pm (CHM 1119) Lab
M 12:00pm-12:50pm (CHE 2140) Dis

6147 **(08169)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Th 3:00pm-5:50pm (CHM 1119) Lab
M 12:00pm-12:50pm (ARM 0118) Dis

6151 **(08170)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
F 8:00am-10:50am (CHM 1122) Lab
M 11:00am-11:50am (CHE 2145) Dis

CHEM133+ General Chemistry for Engineers; (4) REG/P-F/AUD. *Prerequisite: one year of high school chemistry. Corequisite: MATH 140. For ENGR majors only. Not open to students who have completed CHEM 102, CHEM 103, CHEM 107, CHEM 111, CHEM 113, CHEM 143 or CHEM 153.* Restricted to students in a First Year Focus Cluster.

6117 **(08180)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1119) Lab
M 11:00am-11:50am (PHY 1219) Dis

6138 **(08181)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1122) Lab
M 12:00pm-12:50pm (ARM 0102) Dis

CHEM143 General and Analytical Chemistry I; (5) REG/P-F/AUD. *Prerequisite: placement in MATH 115 or higher. For CHEM majors only. Credit will be granted for only one of the following: CHEM 103, CHEM 122, CHEM 102, CHEM 143.*

0031 **(08191)** Moore, J.
MWF 9:00am-9:50am (CHM 0128)
MW 12:00pm-3:00pm (CHM 1212) Lab
Tu 11:00am-11:50am (EGR 2112) Dis

0032 **(08192)** Moore, J.
MWF 9:00am-9:50am (CHM 0128)
TuTh 8:00am-10:50am (CHM 1212) Lab
Tu 11:00am-11:50am (EGR 3111) Dis

0033 **(08193)** Moore, J.
MWF 9:00am-9:50am (CHM 0128)
TuTh 3:00pm-5:50pm (CHM 1212) Lab
Tu 11:00am-11:50am (CHM 2201) Dis

CHEM227 Inorganic and Analytical Chemistry Lab; (4) REG/P-F/AUD. *Prerequisite: CHEM 113.*

1417 **(08203)** Rebbert, R.
MW 2:00pm-2:50pm (CHM 1402)
MW 3:00pm-5:50pm (CHM 3226) Lab

1424 **(08204)** Rebbert, R.
MW 2:00pm-2:50pm (CHM 1402)
TuTh 12:00pm-2:50pm (CHM 3226) Lab

1427 **(08205)** Rebbert, R.
MW 2:00pm-2:50pm (CHM 1402)
TuTh 3:30pm-6:20pm (CHM 3226) Lab

CHEM233 Organic Chemistry I; (4) REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 255.* Laboratory sessions will begin after the first lecture.

7114 **(08215)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1215) Lab
Tu 1:00pm-1:50pm (CHM 0128) Dis

7117 **(08216)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
M 3:00pm-5:50pm (CHM 1215) Lab
Tu 1:00pm-1:50pm (ARM 0112) Dis

7118 **(08217)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
M 3:00pm-5:50pm (CHM 1221) Lab
Tu 1:00pm-1:50pm (PLS 1168) Dis

7122 **(08218)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 8:00am-10:50am (CHM 1221) Lab
Tu 1:00pm-1:50pm (ZOP 1124) Dis

7137 **(08219)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
W 3:00pm-5:50pm (CHM 1221) Lab
Tu 1:00pm-1:50pm (ARM 0112) Dis

7141 **(08220)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Th 8:00am-10:50am (CHM 1221) Lab
Tu 1:00pm-1:50pm (MMH 3418) Dis

7144 **(08221)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1221) Lab
Tu 1:00pm-1:50pm (CSS 2352) Dis

7145 **(08222)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1227) Lab
Tu 1:00pm-1:50pm (CHE 2116) Dis

7154 **(08223)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
F 12:00pm-2:50pm (CHM 1227) Lab
Tu 1:00pm-1:50pm (CSS 2352) Dis

7157 **(08224)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
F 3:00pm-5:50pm (CHM 1215) Lab
Tu 1:00pm-1:50pm (PLS 1158) Dis

7214 **(08225)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1227) Lab
M 8:00am-8:50am (CHM 0122) Dis

7231 **(08226)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 8:00am-10:50am (CHM 1227) Lab
M 8:00am-8:50am (EGR 1108) Dis

7232 **(08227)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 8:00am-10:50am (CHM 1221) Lab
M 8:00am-8:50am (EGR 1104) Dis

7234 **(08228)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 12:00pm-2:50pm (CHM 1227) Lab
M 8:00am-8:50am (CHM 0122) Dis

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

(CHEM233 cont'd)

7237 **(08229)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1227) Lab
M 8:00am-8:50am (CHM 0119) Dis

7238 **(08230)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1215) Lab
M 8:00am-8:50am (CHM 0127) Dis

7251 **(08231)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
F 8:00am-10:50am (CHM 1227) Lab
M 8:00am-8:50am (EGR 1108) Dis

7252 **(08232)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
F 8:00am-10:50am (CHM 1221) Lab
M 8:00am-8:50am (EGR 1104) Dis

7314 **(08233)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1221) Lab
M 9:00am-9:50am (EGR 3106) Dis

7331 **(08234)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
W 8:00am-10:50am (CHM 1215) Lab
M 9:00am-9:50am (EGR 1104) Dis

7334 **(08235)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
W 12:00pm-2:50pm (CHM 1215) Lab
M 9:00am-9:50am (EGR 3106) Dis

7341 **(08236)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
Th 8:00am-10:50am (CHM 1215) Lab
M 9:00am-9:50am (CHM 0119) Dis

7342 **(08237)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
Th 8:00am-10:50am (CHM 1227) Lab
M 9:00am-9:50am (ARM 0120) Dis

7345 **(08238)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
Th 12:00pm-2:50pm (CHM 1215) Lab
M 9:00am-9:50am (EGR 0110) Dis

7351 **(08239)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
F 8:00am-10:50am (CHM 1215) Lab
M 9:00am-9:50am (EGR 1104) Dis

7354 **(08240)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1215) Lab
M 9:00am-9:50am (CHM 0119) Dis

7355 **(08241)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1221) Lab
M 9:00am-9:50am (EGR 0110) Dis

7357 **(08242)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
F 3:00pm-5:50pm (CHM 1221) Lab
M 9:00am-9:50am (ARM 0101) Dis

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8101 **(*****)** Fribush, H.
M 6:30pm-9:30pm (PLS 1130)
W 7:30pm-9:30pm (Arranged) Lab
W 6:30pm-7:30pm (PLS 1184) Dis

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Dr. Lucinda Jack, 1122 Symons Hall; phone (301)405-0316; email: evening@life.umd.edu).

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CHEM233+ Organic Chemistry I; (4) REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 255.* Restricted to College Park Scholars - Life Sciences.

7121 **(08255)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 8:00am-10:50am (CHM 1215) Lab
Tu 1:00pm-1:50pm (MMH 3418) Dis

7134 **(08256)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1221) Lab
Tu 1:00pm-1:50pm (CHM 0128) Dis

7217 **(08257)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1227) Lab
M 8:00am-8:50am (CHM 0119) Dis

7221 **(08258)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1227) Lab
M 8:00am-8:50am (CHM 0127) Dis

CHEM233M *(PermReq)* **Organic Chemistry I; (4)** REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 255.* Prerequisite: CHEM 233 taken within twelve months of the semester in which CHEM 233M is taken. A student is eligible to take this course only if the lab scores received in CHEM 233, the last time it was taken, totalled at least 80 percent of the maximum possible total. These scores will count for part of the grade in CHEM 233M. Permission of department required.

7114 **(08268)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (CHM 0128) Dis

7117 **(08269)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (ARM 0112) Dis

7118 **(08270)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (PLS 1168) Dis

7121 **(08271)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (MMH 3418) Dis

7122 **(08272)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (ZOP 1124) Dis

7134 **(08273)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (CHM 0128) Dis

7137 **(08274)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (ARM 0112) Dis

7141 **(08275)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (MMH 3418) Dis

7144 **(08276)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (CSS 2352) Dis

7145 **(08277)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (CHE 2116) Dis

7154 **(08278)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (CSS 2352) Dis

7157 **(08279)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (PLS 1158) Dis

7214 **(08280)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHM 0122) Dis

7217 **(08281)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHM 0119) Dis

7221 **(08282)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHM 0127) Dis

7231 **(08283)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (EGR 1108) Dis

7232 **(08284)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (EGR 1104) Dis

7234 **(08285)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHM 0122) Dis

7237 **(08286)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHM 0119) Dis

7238 **(08287)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHM 0127) Dis

7251 **(08288)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (EGR 1108) Dis

7252 **(08289)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (EGR 1104) Dis

7314 **(08290)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (EGR 3106) Dis

7331 **(08291)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (EGR 1104) Dis

7334 **(08292)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (EGR 3106) Dis

7341 **(08293)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (CHM 0119) Dis

7342 **(08294)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (ARM 0118) Dis

7345 **(08295)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (EGR 0110) Dis

7351 **(08296)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (EGR 1104) Dis

7354 **(08297)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (CHM 0119) Dis

7355 **(08298)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (EGR 0110) Dis

7357 **(08299)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (ARM 0101) Dis

CHEM237 Principles of Organic Chemistry I; (4) REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153 or permission of department. For CHEM, BCHM, and ENCH majors and honors students only. Credit will be granted for only one of the following: CHEM 233, CHEM 235 or CHEM 237.*

0734 **(08309)** Rokita, S.
MWF 9:00am-9:50am (CHM 1402)
W 12:00pm-2:50pm (CHM 1216) Lab
Tu 2:00pm-2:50pm (ARM 0119) Dis

0737 **(08310)** Rokita, S.
MWF 9:00am-9:50am (CHM 1402)
W 3:00pm-5:50pm (CHM 1216) Lab
Tu 2:00pm-2:50pm (ARM 0120) Dis

0744 **(08311)** Rokita, S.
MWF 9:00am-9:50am (CHM 1402)
Th 12:00pm-2:50pm (CHM 1216) Lab
Tu 2:00pm-2:50pm (ARM 0119) Dis

0747 **(08312)** Rokita, S.
MWF 9:00am-9:50am (CHM 1402)
Th 3:00pm-5:50pm (CHM 1216) Lab
Tu 2:00pm-2:50pm (ARM 0120) Dis

CHEM243 Organic Chemistry II; (4) REG/P-F/AUD. *Prerequisite: CHEM 233. Credit will be granted for only one of the following: CHEM 243 or CHEM 247.* Laboratory sessions will begin after the first lecture.

8114 **(08322)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1224) Lab
W 1:00pm-1:50pm (COL 3112) Dis

8115 **(08323)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1233) Lab
W 1:00pm-1:50pm (HJP 2242) Dis

8117 **(08324)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1224) Lab
W 1:00pm-1:50pm (JRN 1104) Dis

8118 **(08325)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1233) Lab
W 1:00pm-1:50pm (HJP 2242) Dis

8121 **(08326)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1224) Lab
W 1:00pm-1:50pm (KEY 0116) Dis

8122 **(08327)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1233) Lab
W 1:00pm-1:50pm (MCB 1207) Dis

8131 **(08328)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 8:00am-10:50am (CHM 1224) Lab
W 1:00pm-1:50pm (CHM 0122) Dis

8132 **(08329)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 8:00am-10:50am (CHM 1233) Lab
W 1:00pm-1:50pm (JRN 1104) Dis

8141 **(08330)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
Th 8:00am-10:50am (CHM 1233) Lab
W 1:00pm-1:50pm (KEY 0116) Dis

8142 **(08331)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
Th 8:00am-10:50am (CHM 1224) Lab
W 1:00pm-1:50pm (MCB 1207) Dis

8151 **(08332)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
F 8:00am-10:50am (CHM 1224) Lab
W 1:00pm-1:50pm (CHM 0122) Dis

8154 **(08333)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1224) Lab
W 1:00pm-1:50pm (COL 3112) Dis

CHEM243M *(PermReq)* **Organic Chemistry II; (4)** REG/P-F/AUD. *Prerequisite: CHEM 233. Credit will be granted for only one of the following: CHEM 243 or CHEM 247.* Prerequisite: CHEM 243 taken within twelve months of the semester in which CHEM 243M is taken. A student is eligible to take this course only if the lab scores received in CHEM 243, the last time it was taken, totalled at least 80 percent of the maximum possible total. These scores will count for part of the grade in CHEM 243M. Permission of department required.

8114 **(08343)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (COL 3112) Dis

8115 **(08344)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (HJP 2242) Dis

8117 **(08345)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (JRN 1104) Dis

8118 **(08346)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (HJP 2242) Dis

8121 **(08347)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (KEY 0116) Dis

8122 **(08348)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (MCB 1207) Dis

8131 **(08349)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (CHM 0122) Dis

8132 **(08350)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (JRN 1104) Dis

8141 **(08351)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (KEY 0116) Dis

8142 **(08352)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (MCB 1207) Dis

8151 **(08353)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (CHM 0122) Dis

8154 **(08354)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (COL 3112) Dis

CHEM287 Computer Programming for the Biological and Chemical Sciences; (4) REG/P-F/AUD. *Prerequisite: one year of college chemistry or biological science.*

0101 **(08364)** Murphy, T.
MWF 11:00am-11:50am (CHM 0128)
Time and room to be arranged Lab

CHEM398 *(PermReq)* **Special Projects; (2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to chemistry honors students. Consult with Dr. Sampugna.

CHEM399 *(PermReq)* **Introduction to Chemical Research; (1-3)** REG/P-F/AUD. CORE: CS Individual Instruction course: contact department or instructor to obtain section number. Research plans must have prior approval from Dr. Sampugna.

CHEM401 Inorganic Chemistry; (3) REG/P-F/AUD. *Prerequisite: CHEM 243 or CHEM 247.*

0101 **(08466)** Eichhorn, B.
MWF 10:00am-10:50am (CHM 0128)

CHEM403 Radiochemistry; (3) REG/P-F/AUD. *Prerequisite: one year of college chemistry and one year of college physics.*

0101 **(08476)** Walters, W.
MWF 12:00pm-12:50pm (CHM 0128)

CHEM425 Instrumental Methods of Analysis; (3) REG/P-F/AUD. *Prerequisite: CHEM 227 or CHEM 153.*

0101 **(08486)** Miller, C.
Tu 8:00am-8:50am (CHM 0122)
MW 12:00pm-2:50pm (Arranged) Lab

0102 **(08487)** Miller, C.
Tu 8:00am-8:50am (CHM 0122)
TuTh 1:00pm-4:00pm (Arranged) Lab

0104 **(08488)** Miller, C.
Tu 8:00am-8:50am (CHM 0122)
TuTh 9:00am-11:50am (Arranged) Lab

0109 **(08489)** Miller, C.
Tu 8:00am-8:50am (CHM 0122)
TuTh 6:00pm-9:00pm (Arranged) Lab

CHEM441 Advanced Organic Chemistry; (3) REG/P-F/AUD. *Prerequisite: CHEM 481.*

0101 **(08499)** Falvey, D.
MWF 8:00am-8:50am (CHM 0128)

CHEM474 Environmental Chemistry; (3) REG/P-F/AUD. *Prerequisite: CHEM 481 or equivalent.*

0101 **(08509)** Ondov, J.
MWF 1:00pm-1:50pm (CHM 0128)

CHEM481 Physical Chemistry I; (3) REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153 or CHEM 133; and MATH 141; and PHYS 142.*

0101 **(08519)** Murphy, T.
MWF 8:00am-8:50am (CHM 0115)

0201 **(08520)** Devoe, H.
MWF 9:00am-9:50am (CHM 0115)

CHEM482 Physical Chemistry II; (3) REG/P-F/AUD. *Prerequisite: CHEM 481.*

0101 **(08530)** Miller, G.
MWF 8:00am-8:50am (CHM 1402)

CHEM483 Physical Chemistry Laboratory I; (2) REG/P-F/AUD. *Corequisite: CHEM 481.*

0114 **(08540)** Rebbert, R.
M 2:00pm-5:00pm (Arranged) Lab
M 1:00pm-1:50pm (CHM 1402) Dis

0124 **(08541)** Rebbert, R.
Tu 2:00pm-5:00pm (Arranged) Lab
Tu 1:00pm-1:50pm (CHM 1402) Dis

0134 **(08542)** Rebbert, R.
W 2:00pm-5:00pm (Arranged) Lab
W 1:00pm-1:50pm (CHM 1402) Dis

0144 **(08543)** Rebbert, R.
Th 2:00pm-5:00pm (Arranged) Lab
Th 1:00pm-1:50pm (CHM 1402) Dis

CHEM484 Physical Chemistry Laboratory II; (2) REG/P-F/AUD. *Prerequisite: CHEM 481 and CHEM 483. Corequisite: CHEM 482.*

0124 **(08553)** Reutt-Robey, J.
Tu 2:00pm-5:00pm (Arranged) Lab
Tu 1:00pm-1:50pm (CHM 2201) Dis

0134 **(08554)** Reutt-Robey, J.
W 2:00pm-5:00pm (Arranged) Lab
W 1:00pm-1:50pm (CHM 2201) Dis

CHEM492 Advanced Inorganic Chemistry Laboratory; (3) REG/P-F/AUD. CORE: CS *Corequisite: CHEM 401.*

0201 **(08564)** Grim, S.
Tu 11:00am-11:50am (CHM 0124)
TuTh 1:00pm-5:00pm (CHM 1228) Lab

CHEM498B Special Topics in Chemistry: The Periodic Table D and F Block Elements; (3) REG/P-F/AUD.

0101 **(08574)** Boyd, A.
MWF 9:00am-9:50am (CHM 0124)

CHEM498C Special Topics in Chemistry: Computer Interfacing; (3) REG/P-F/AUD.

0101 **(08584)** O'Haver, T.
TuTh 10:00am-10:50am (CHM 0124)
Tu 1:00pm-4:00pm (Arranged) Lab

0201 **(08585)** O'Haver, T.
TuTh 10:00am-10:50am (CHM 0124)
Th 1:00pm-4:00pm (Arranged) Lab

CHEM601 Advanced Inorganic Chemistry I; (3) REG/AUD. *Prerequisite: CHEM 401 or equivalent.*

0101 **(08595)** STAFF
MWF 10:00am-10:50am (CHM 2201)

CHEM625 Separation Methods in Quantitative Analysis; (3) REG/AUD. *Prerequisites: CHEM 421 and CHEM 482 or equivalent.*

0101 **(08605)** Blough, N.
MWF 2:00pm-2:50pm (CHM 0128)

CHEM640 Problems in Organic Reaction Mechanisms; (1) REG/AUD.

0101 **(08615)** Falvey, D.
F 12:00pm-12:50pm (CHM 2201)

CHEM641 Organic Reaction Mechanisms; (3) REG/AUD.

0101 **(08625)** Falvey, D.
MWF 8:00am-8:50am (CHM 2201)

CHEM648 Special Topics in Organic Chemistry: Advanced NMR Spectroscopy; (3) REG/AUD.

0101 **(08635)** Von Philipsborn, W.
Time and room to be arranged

CHEM648X Special Topics in Organic Chemistry: Library Research; (1) REG/AUD.

0101 **(08645)** Davis, J.
Th 12:00pm-12:50pm (CHM 2201)

CHEM684 Chemical Thermodynamics; (3) REG/AUD. *Prerequisite: CHEM 482 or equivalent.*

0101 **(08655)** Weeks, J.
TuTh 9:30am-10:45am (CHM 0128)

CHEM690 Quantum Chemistry I; (3) REG/AUD. *Prerequisite: CHEM 485.*

0101 **(08665)** Tossell, J.
MWF 11:00am-11:50am (CHM 0124)

CHEM699 Special Problems in Chemistry; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis Master's degree candidates.

CHEM799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

CHEM898A Seminar: Analytical, Nuclear and Environmental; (1) REG/AUD.

0101 **(08767)** Miller, C.
F 3:00pm-3:50pm (CHM 0128)

CHEM898C Seminar: Inorganic; (1) REG/AUD.

0101 **(08777)** Eichhorn, B.
W 2:00pm-4:00pm (CHM 0127)

CHEM898D Seminar: Organic; (1) REG/AUD.

0101 **(08787)** Davis, J.
Tu 4:00pm-6:00pm (CHM 0128)

CHEM898E Seminar: Physical Chemistry; (1) REG/AUD.

0101 **(08797)** Tossell, J.
W 4:00pm-6:00pm (CHM 0128)

CHEM898F Seminar: Chemical Physics; (1) REG/AUD.

0101 **(08807)** Tossell, J.
W 4:00pm-6:00pm (CHM 0128)

CHEM898G Seminar: Physical Organic; (1) REG/AUD.

0101 **(08817)** Falvey, D.
Time and room to be arranged

CHEM898J Seminar: Natural Products; (1) REG/AUD.

0101 **(08837)** Jarvis, B.
Time and room to be arranged

CHEM898M Seminar: Materials Chemistry; (1) REG/AUD.

0101 **(08857)** Eichhorn, B.
Time and room to be arranged

CHEM898N Seminar: Phosphorus Chemistry; (1) REG/AUD.

0101 **(08867)** Grim, S.
Time and room to be arranged

CHEM898O Seminar: Natural Water; (1) REG/AUD.

0101 **(08877)** Helz, G.
Time and room to be arranged

(CHEM103 cont'd)

3154 **(08035)** Winkler, D.
MWF 8:00am-8:50am (CHM 1407)
F 12:00pm-2:50pm (CHM 1105) Lab
Tu 8:00am-8:50am (CHM 0124) Dis

3214 **(08036)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1109) Lab
Th 8:00am-8:50am (EGR 0102) Dis

3215 **(08037)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1110) Lab
Th 8:00am-8:50am (EGR 3111) Dis

3224 **(08038)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1109) Lab
Th 8:00am-8:50am (CHE 2120) Dis

3225 **(08039)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1112) Lab
Th 8:00am-8:50am (CHM 0124) Dis

3228 **(08040)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1109) Lab
Th 8:00am-8:50am (EGR 2112) Dis

3234 **(08041)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1109) Lab
Th 9:00am-9:50am (EGR 0102) Dis

3235 **(08042)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1110) Lab
Th 9:00am-9:50am (EGR 3111) Dis

3244 **(08043)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1109) Lab
Th 9:00am-9:50am (CHE 2120) Dis

3245 **(08044)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1110) Lab
Th 9:00am-9:50am (CHM 0124) Dis

3254 **(08045)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
F 12:00pm-2:50pm (CHM 1106) Lab
Th 9:00am-9:50am (EGR 3102) Dis

3311 **(08046)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
M 8:00am-10:50am (CHM 1112) Lab
Tu 11:00am-11:50am (CHE 2116) Dis

3314 **(08047)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1112) Lab
Tu 11:00am-11:50am (CHM 0119) Dis

3315 **(08048)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1111) Lab
Tu 11:00am-11:50am (CHE 2140) Dis

3317 **(08049)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
M 3:00pm-5:50pm (CHM 1112) Lab
Tu 11:00am-11:50am (CHM 0127) Dis

3327 **(08050)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1112) Lab
Tu 11:00am-11:50am (EGR 2154) Dis

3331 **(08051)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
W 8:00am-10:50am (CHM 1112) Lab
Tu 12:00pm-12:50pm (CHM 0128) Dis

3334 **(08052)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1112) Lab
Tu 12:00pm-12:50pm (CHM 0124) Dis

3337 **(08053)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
W 3:00pm-5:50pm (CHM 1112) Lab
Tu 12:00pm-12:50pm (CHE 2140) Dis

3344 **(08054)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1112) Lab
Tu 12:00pm-12:50pm (CHM 2201) Dis

3347 **(08055)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
Th 3:00pm-5:50pm (CHM 1105) Lab
Tu 12:00pm-12:50pm (CHE 2116) Dis

3354 **(08056)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
F 12:00pm-2:50pm (CHM 1112) Lab
Tu 11:00am-11:50am (ARM 0118) Dis

3411 **(08057)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
M 8:00am-10:50am (CHM 1105) Lab
Th 12:00pm-12:50pm (EGR 0102) Dis

3417 **(08058)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1105) Lab
Th 12:00pm-12:50pm (EGR 3111) Dis

3424 **(08059)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1110) Lab
Th 12:00pm-12:50pm (EGR 3102) Dis

3427 **(08060)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1106) Lab
Th 12:00pm-12:50pm (CHE 2140) Dis

3431 **(08061)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
W 8:00am-10:50am (CHM 1105) Lab
Th 1:00pm-1:50pm (EGR 0102) Dis

3437 **(08062)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1106) Lab
Th 1:00pm-1:50pm (EGR 3111) Dis

3441 **(08063)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
Th 8:00am-10:50am (CHM 1106) Lab
Th 1:00pm-1:50pm (CHM 2201) Dis

3447 **(08064)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
Th 3:00pm-5:50pm (CHM 1106) Lab
Th 1:00pm-1:50pm (CHE 2118) Dis

3511 **(08066)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
M 8:00am-10:50am (CHM 1110) Lab
Tu 1:00pm-1:50pm (EGR 3111) Dis

3517 **(08067)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1110) Lab
Tu 1:00pm-1:50pm (EGR 1110) Dis

3521 **(08068)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1110) Lab
Tu 1:00pm-1:50pm (ARM 0120) Dis

3522 **(08069)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1111) Lab
Tu 1:00pm-1:50pm (CHE 2118) Dis

3523 **(08070)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1106) Lab
Tu 1:00pm-1:50pm (PHY 1402) Dis

3527 **(08071)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1110) Lab
Tu 1:00pm-1:50pm (EGR 2112) Dis

3531 **(08072)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
W 8:00am-10:50am (CHM 1110) Lab
Tu 2:00pm-2:50pm (EGR 3111) Dis

3537 **(08073)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1105) Lab
Tu 2:00pm-2:50pm (EGR 3102) Dis

3542 **(08074)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Th 8:00am-10:50am (CHM 1111) Lab
Tu 2:00pm-2:50pm (CHE 2118) Dis

3544 **(08075)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Th 12:00pm-2:50pm (CHM 1111) Lab
Tu 2:00pm-2:50pm (CHE 2116) Dis

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8101 **(*****)** Chang, E.
M 6:30pm-10:30pm (CHM 1402)
W 6:30pm-9:30pm (Arranged) Lab

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Dr. Lucinda Jack, 1122 Symons Hall; phone (301)405-0316; email: evening@life.umd.edu).

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CHEM103+ General Chemistry I; (4) REG/P-F/AUD. CORE: PL. *Prerequisite: placement in MATH 110 or higher. Recommended: placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143.* Restricted to students in a First Year Focus Cluster or College Park Scholars - Life Sciences.

3147 **(08088)** Winkler, D.
MWF 8:00am-8:50am (CHM 1407)
Th 3:00pm-5:50pm (CHM 1111) Lab
Tu 9:00am-9:50am (CHE 2116) Dis
Restricted to College Park Scholars - Life Sciences.

3227 **(08089)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1111) Lab
Th 8:00am-8:50am (CHE 2116) Dis
Restricted to College Park Scholars - Life Sciences.

3247 **(08090)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Th 3:00pm-5:50pm (CHM 1110) Lab
Th 9:00am-9:50am (CHE 2116) Dis
Restricted to College Park Scholars - Life Sciences.

3348 **(08091)** Pilato, R.
MWF 11:00am-11:50am (CHM 1407)
Th 3:00pm-5:50pm (CHM 1112) Lab
Tu 12:00pm-12:50pm (CHE 2145) Dis
Restricted to College Park Scholars - Life Sciences.

3425 **(08092)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1111) Lab
Th 12:00pm-12:50pm (CHE 2116) Dis
Restricted to students in a First Year Focus Cluster.

3448 **(08094)** Bellama, J.
MWF 12:00pm-12:50pm (CHM 1407)
Th 3:00pm-5:50pm (CHM 1109) Lab
Th 1:00pm-1:50pm (CHM 0127) Dis
Restricted to College Park Scholars - Science, Discovery, and Universe.

3541 **(08093)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Th 8:00am-10:50am (CHM 1110) Lab
Th 2:00pm-2:50pm (CHE 2118) Dis
Restricted to College Park Scholars - Life Sciences.

CHEM103H General Chemistry I; (4) REG/P-F/AUD. CORE: PL. *Prerequisite: placement in MATH 110 or higher. Recommended: placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143.* For general honors students only.

0317 **(08103)** Mignerey, A.
MWF 10:00am-10:50am (CHM 1402)
M 3:00pm-5:50pm (CHM 1109) Lab
Th 8:00am-8:50am (EGR 3114) Dis

0337 **(08104)** Mignerey, A.
MWF 10:00am-10:50am (CHM 1402)
W 3:00pm-5:50pm (CHM 1109) Lab
Th 9:00am-9:50am (EGR 3114) Dis

0354 **(08105)** Mignerey, A.
MWF 10:00am-10:50am (CHM 1402)
F 12:00pm-2:50pm (CHM 1109) Lab
Th 8:00am-8:50am (CHM 0127) Dis

CHEM113 General Chemistry II; (4) REG/P-F/AUD. CORE: PL. *Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 113 or CHEM 115.* Laboratory sessions will begin after the first lecture.

4111 **(08125)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
M 8:00am-10:50am (CHM 1128) Lab
M 1:00pm-1:50pm (CHE 2116) Dis

4117 **(08126)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
M 3:00pm-5:50pm (CHM 1128) Lab
M 1:00pm-1:50pm (CHM 0122) Dis

4124 **(08127)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1128) Lab
M 1:00pm-1:50pm (ARM 0108) Dis

4125 **(08128)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1208) Lab
M 1:00pm-1:50pm (ARM 0120) Dis

4131 **(08129)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
W 8:00am-10:50am (CHM 1128) Lab
M 2:00pm-2:50pm (CHE 2136) Dis

4134 **(08130)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
W 12:00pm-2:50pm (CHM 1128) Lab
M 2:00pm-2:50pm (ARM 0102) Dis

4137 **(08131)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
W 3:00pm-5:50pm (CHM 1128) Lab
M 2:00pm-2:50pm (EGR 0108) Dis

4144 **(08132)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1128) Lab
M 2:00pm-2:50pm (ARM 0108) Dis

4145 **(08133)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1208) Lab
M 2:00pm-2:50pm (ARM 0120) Dis

4154 **(08134)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
F 12:00pm-2:50pm (CHM 1128) Lab
M 1:00pm-1:50pm (ARM 0102) Dis

4211 **(08135)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
M 8:00am-10:50am (CHM 1208) Lab
W 1:00pm-1:50pm (CHM 0119) Dis

4214 **(08136)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1208) Lab
W 1:00pm-1:50pm (ARM 0102) Dis

4215 **(08137)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1128) Lab
W 1:00pm-1:50pm (ARM 0101) Dis

4217 **(08138)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1208) Lab
W 1:00pm-1:50pm (PHY 4220) Dis

4221 **(08139)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1208) Lab
W 1:00pm-1:50pm (ARM 0108) Dis

4227 **(08140)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1208) Lab
W 1:00pm-1:50pm (EGR 1110) Dis

4228 **(08141)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1128) Lab
W 1:00pm-1:50pm (EGR 0102) Dis

4231 **(08142)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
W 8:00am-10:50am (CHM 1208) Lab
W 2:00pm-2:50pm (CHE 2120) Dis

4237 **(08143)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1208) Lab
W 2:00pm-2:50pm (CHM 0122) Dis

4241 **(08144)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
Th 8:00am-10:50am (CHM 1128) Lab
W 2:00pm-2:50pm (ARM 0108) Dis

4247 **(08145)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
Th 3:00pm-5:50pm (CHM 1208) Lab
W 2:00pm-2:50pm (EGR 1110) Dis

4254 **(08146)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1208) Lab
W 2:00pm-2:50pm (ARM 0102) Dis

4255 **(08147)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1111) Lab
W 2:00pm-2:50pm (EGR 3114) Dis

4256 **(08148)** Helz, G.
TuTh 11:00am-12:15pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1110) Lab
W 2:00pm-2:50pm (EGR 2112) Dis

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8101 **(*****)** Dusold, L.
M 6:30pm-10:30pm (PHY 1221)
W 6:30pm-9:30pm (Arranged) Lab

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CHEM133 General Chemistry for Engineers; (4) REG/P-F/AUD. *Prerequisite: one year of high school chemistry. Corequisite: MATH 140. For ENGR majors only. Not open to students who have completed CHEM 102, CHEM 103, CHEM 107, CHEM 111, CHEM 113, CHEM 143 or CHEM 153.*

6121 **(08160)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1119) Lab
M 11:00am-11:50am (ARM 0119) Dis

6124 **(08161)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1122) Lab
M 11:00am-11:50am (CHE 2116) Dis

6127 **(08162)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1119) Lab
M 11:00am-11:50am (CHE 2118) Dis

6128 **(08163)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1122) Lab
M 11:00am-11:50am (CHE 2140) Dis

6131 **(08164)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
W 8:00am-10:50am (CHM 1119) Lab
M 12:00pm-12:50pm (CHM 0122) Dis

6141 **(08166)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Th 8:00am-10:50am (CHM 1119) Lab
M 12:00pm-12:50pm (ARM 0103) Dis

6144 **(08167)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Th 12:00pm-2:50pm (CHM 1122) Lab
M 12:00pm-12:50pm (ARM 0108) Dis

6145 **(08168)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Th 12:00pm-2:50pm (CHM 1119) Lab
M 12:00pm-12:50pm (CHE 2140) Dis

6147 **(08169)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Th 3:00pm-5:50pm (CHM 1119) Lab
M 12:00pm-12:50pm (ARM 0118) Dis

6151 **(08170)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
F 8:00am-10:50am (CHM 1122) Lab
M 11:00am-11:50am (CHE 2145) Dis

CHEM133+ General Chemistry for Engineers; (4) REG/P-F/AUD. *Prerequisite: one year of high school chemistry. Corequisite: MATH 140. For ENGR majors only. Not open to students who have completed CHEM 102, CHEM 103, CHEM 107, CHEM 111, CHEM 113, CHEM 143 or CHEM 153.* Restricted to students in a First Year Focus Cluster.

6117 **(08180)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1119) Lab
M 11:00am-11:50am (PHY 1219) Dis

6138 **(08181)** Devoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1122) Lab
M 12:00pm-12:50pm (ARM 0102) Dis

CHEM143 General and Analytical Chemistry I; (5) REG/P-F/AUD. *Prerequisite: placement in MATH 115 or higher. For CHEM majors only. Credit will be granted for only one of the following: CHEM 103, CHEM 122, CHEM 102, CHEM 143.*

0031 **(08191)** Moore, J.
MWF 9:00am-9:50am (CHM 0128)
MW 12:00pm-3:00pm (CHM 1212) Lab
Tu 11:00am-11:50am (EGR 2112) Dis

0032 **(08192)** Moore, J.
MWF 9:00am-9:50am (CHM 0128)
TuTh 8:00am-10:50am (CHM 1212) Lab
Tu 11:00am-11:50am (EGR 3111) Dis

0033 **(08193)** Moore, J.
MWF 9:00am-9:50am (CHM 0128)
TuTh 3:00pm-5:50pm (CHM 1212) Lab
Tu 11:00am-11:50am (CHM 2201) Dis

CHEM227 Inorganic and Analytical Chemistry Lab; (4) REG/P-F/AUD. *Prerequisite: CHEM 113.*

1417 **(08203)** Rebbert, R.
MW 2:00pm-2:50pm (CHM 1402)
MW 3:00pm-5:50pm (CHM 3226) Lab

1424 **(08204)** Rebbert, R.
MW 2:00pm-2:50pm (CHM 1402)
TuTh 12:00pm-2:50pm (CHM 3226) Lab

1427 **(08205)** Rebbert, R.
MW 2:00pm-2:50pm (CHM 1402)
TuTh 3:30pm-6:20pm (CHM 3226) Lab

CHEM233 Organic Chemistry I; (4) REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 255.* Laboratory sessions will begin after the first lecture.

7114 **(08215)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1215) Lab
Tu 1:00pm-1:50pm (CHM 0128) Dis

7117 **(08216)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
M 3:00pm-5:50pm (CHM 1215) Lab
Tu 1:00pm-1:50pm (ARM 0112) Dis

7118 **(08217)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
M 3:00pm-5:50pm (CHM 1221) Lab
Tu 1:00pm-1:50pm (PLS 1168) Dis

7122 **(08218)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 8:00am-10:50am (CHM 1221) Lab
Tu 1:00pm-1:50pm (ZOP 1124) Dis

7137 **(08219)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
W 3:00pm-5:50pm (CHM 1221) Lab
Tu 1:00pm-1:50pm (ARM 0112) Dis

7141 **(08220)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Th 8:00am-10:50am (CHM 1221) Lab
Tu 1:00pm-1:50pm (MMH 3418) Dis

7144 **(08221)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1221) Lab
Tu 1:00pm-1:50pm (CSS 2352) Dis

7145 **(08222)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1227) Lab
Tu 1:00pm-1:50pm (CHE 2116) Dis

7154 **(08223)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
F 12:00pm-2:50pm (CHM 1227) Lab
Tu 1:00pm-1:50pm (CSS 2352) Dis

7157 **(08224)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
F 3:00pm-5:50pm (CHM 1215) Lab
Tu 1:00pm-1:50pm (PLS 1158) Dis

7214 **(08225)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1227) Lab
M 8:00am-8:50am (CHM 0122) Dis

7231 **(08226)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 8:00am-10:50am (CHM 1227) Lab
M 8:00am-8:50am (EGR 1108) Dis

7232 **(08227)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 8:00am-10:50am (CHM 1221) Lab
M 8:00am-8:50am (EGR 1104) Dis

7234 **(08228)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 12:00pm-2:50pm (CHM 1227) Lab
M 8:00am-8:50am (CHM 0122) Dis

(CHEM233 cont'd)

7237 **(08229)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1227) Lab
M 8:00am-8:50am (CHM 0119) Dis

7238 **(08230)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1215) Lab
M 8:00am-8:50am (CHM 0127) Dis

7251 **(08231)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
F 8:00am-10:50am (CHM 1227) Lab
M 8:00am-8:50am (EGR 1108) Dis

7252 **(08232)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
F 8:00am-10:50am (CHM 1221) Lab
M 8:00am-8:50am (EGR 1104) Dis

7314 **(08233)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1221) Lab
M 9:00am-9:50am (EGR 3106) Dis

7331 **(08234)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
W 8:00am-10:50am (CHM 1215) Lab
M 9:00am-9:50am (EGR 1104) Dis

7334 **(08235)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
W 12:00pm-2:50pm (CHM 1215) Lab
M 9:00am-9:50am (EGR 3106) Dis

7341 **(08236)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
Th 8:00am-10:50am (CHM 1215) Lab
M 9:00am-9:50am (CHM 0119) Dis

7342 **(08237)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
Th 8:00am-10:50am (CHM 1227) Lab
M 9:00am-9:50am (ARM 0120) Dis

7345 **(08238)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
Th 12:00pm-2:50pm (CHM 1215) Lab
M 9:00am-9:50am (EGR 0110) Dis

7351 **(08239)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
F 8:00am-10:50am (CHM 1215) Lab
M 9:00am-9:50am (EGR 1104) Dis

7354 **(08240)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1215) Lab
M 9:00am-9:50am (CHM 0119) Dis

7355 **(08241)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1221) Lab
M 9:00am-9:50am (EGR 0110) Dis

7357 **(08242)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
F 3:00pm-5:50pm (CHM 1221) Lab
M 9:00am-9:50am (ARM 0101) Dis

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8101 **(*****)** Fribush, H.
M 6:30pm-9:30pm (PLS 1130)
W 7:30pm-9:30pm (Arranged) Lab
W 6:30pm-7:30pm (PLS 1184) Dis

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Dr. Lucinda Jack, 1122 Symons Hall; phone (301)405-0316; email: evening@life.umd.edu).

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CHEM233+ Organic Chemistry I; (4) REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 255.* Restricted to College Park Scholars - Life Sciences.

7121 **(08255)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 8:00am-10:50am (CHM 1215) Lab
Tu 1:00pm-1:50pm (MMH 3418) Dis

7134 **(08256)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1221) Lab
Tu 1:00pm-1:50pm (CHM 0128) Dis

7217 **(08257)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1227) Lab
M 8:00am-8:50am (CHM 0119) Dis

7221 **(08258)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1227) Lab
M 8:00am-8:50am (CHM 0127) Dis

CHEM233M *(PermReq)* **Organic Chemistry I; (4)** REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 255.* Prerequisite: CHEM 233 taken within twelve months of the semester in which CHEM 233M is taken. A student is eligible to take this course only if the lab scores received in CHEM 233, the last time it was taken, totalled at least 80 percent of the maximum possible total. These scores will count for part of the grade in CHEM 233M. Permission of department required.

7114 **(08268)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (CHM 0128) Dis

7117 **(08269)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (ARM 0112) Dis

7118 **(08270)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (PLS 1168) Dis

7121 **(08271)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (MMH 3418) Dis

7122 **(08272)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (ZOP 1124) Dis

7134 **(08273)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (CHM 0128) Dis

7137 **(08274)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (ARM 0112) Dis

7141 **(08275)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (MMH 3418) Dis

7144 **(08276)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (CSS 2352) Dis

7145 **(08277)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (CHE 2116) Dis

7154 **(08278)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (CSS 2352) Dis

7157 **(08279)** Jarvis, B.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (PLS 1158) Dis

7214 **(08280)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHM 0122) Dis

7217 **(08281)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHM 0119) Dis

7221 **(08282)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHM 0127) Dis

7231 **(08283)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (EGR 1108) Dis

7232 **(08284)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (EGR 1104) Dis

7234 **(08285)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHM 0122) Dis

7237 **(08286)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHM 0119) Dis

7238 **(08287)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHM 0127) Dis

7251 **(08288)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (EGR 1108) Dis

7252 **(08289)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (EGR 1104) Dis

7314 **(08290)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (EGR 3106) Dis

7331 **(08291)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (EGR 1104) Dis

7334 **(08292)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (EGR 3106) Dis

7341 **(08293)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (CHM 0119) Dis

7342 **(08294)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (ARM 0118) Dis

7345 **(08295)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (EGR 0110) Dis

7351 **(08296)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (EGR 1104) Dis

7354 **(08297)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (CHM 0119) Dis

7355 **(08298)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (EGR 0110) Dis

7357 **(08299)** DeShong, P.
TuTh 3:30pm-4:45pm (CHM 1407)
M 9:00am-9:50am (ARM 0101) Dis

CHEM237 Principles of Organic Chemistry I; (4) REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153 or permission of department. For CHEM, BCHM, and ENCH majors and honors students only. Credit will be granted for only one of the following: CHEM 233, CHEM 235 or CHEM 237.*

0734 **(08309)** Rokita, S.
MWF 9:00am-9:50am (CHM 1402)
W 12:00pm-2:50pm (CHM 1216) Lab
Tu 2:00pm-2:50pm (ARM 0119) Dis

0737 **(08310)** Rokita, S.
MWF 9:00am-9:50am (CHM 1402)
W 3:00pm-5:50pm (CHM 1216) Lab
Tu 2:00pm-2:50pm (ARM 0120) Dis

0744 **(08311)** Rokita, S.
MWF 9:00am-9:50am (CHM 1402)
Th 12:00pm-2:50pm (CHM 1216) Lab
Tu 2:00pm-2:50pm (ARM 0119) Dis

0747 **(08312)** Rokita, S.
MWF 9:00am-9:50am (CHM 1402)
Th 3:00pm-5:50pm (CHM 1216) Lab
Tu 2:00pm-2:50pm (ARM 0120) Dis

CHEM243 Organic Chemistry II; (4) REG/P-F/AUD. *Prerequisite: CHEM 233. Credit will be granted for only one of the following: CHEM 243 or CHEM 247.* Laboratory sessions will begin after the first lecture.

8114 **(08322)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1224) Lab
W 1:00pm-1:50pm (COL 3112) Dis

8115 **(08323)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1233) Lab
W 1:00pm-1:50pm (HJP 2242) Dis

8117 **(08324)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1224) Lab
W 1:00pm-1:50pm (JRN 1104) Dis

8118 **(08325)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1233) Lab
W 1:00pm-1:50pm (HJP 2242) Dis

8121 **(08326)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1224) Lab
W 1:00pm-1:50pm (KEY 0116) Dis

8122 **(08327)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1233) Lab
W 1:00pm-1:50pm (MCB 1207) Dis

8131 **(08328)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 8:00am-10:50am (CHM 1224) Lab
W 1:00pm-1:50pm (CHM 0122) Dis

8132 **(08329)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 8:00am-10:50am (CHM 1233) Lab
W 1:00pm-1:50pm (JRN 1104) Dis

8141 **(08330)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
Th 8:00am-10:50am (CHM 1233) Lab
W 1:00pm-1:50pm (KEY 0116) Dis

8142 **(08331)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
Th 8:00am-10:50am (CHM 1224) Lab
W 1:00pm-1:50pm (MCB 1207) Dis

8151 **(08332)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
F 8:00am-10:50am (CHM 1224) Lab
W 1:00pm-1:50pm (CHM 0122) Dis

8154 **(08333)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1224) Lab
W 1:00pm-1:50pm (COL 3112) Dis

CHEM243M *(PermReq)* **Organic Chemistry II; (4)** REG/P-F/AUD. *Prerequisite: CHEM 233. Credit will be granted for only one of the following: CHEM 243 or CHEM 247.* Prerequisite: CHEM 243 taken within twelve months of the semester in which CHEM 243M is taken. A student is eligible to take this course only if the lab scores received in CHEM 243, the last time it was taken, totalled at least 80 percent of the maximum possible total. These scores will count for part of the grade in CHEM 243M. Permission of department required.

8114 **(08343)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (COL 3112) Dis

8115 **(08344)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (HJP 2242) Dis

8117 **(08345)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (JRN 1104) Dis

8118 **(08346)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (HJP 2242) Dis

8121 **(08347)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (KEY 0116) Dis

8122 **(08348)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (MCB 1207) Dis

8131 **(08349)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (CHM 0122) Dis

8132 **(08350)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (JRN 1104) Dis

8141 **(08351)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (KEY 0116) Dis

8142 **(08352)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (MCB 1207) Dis

8151 **(08353)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (CHM 0122) Dis

8154 **(08354)** Mazzocchi, D.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (COL 3112) Dis

CHEM287 Computer Programming for the Biological and Chemical Sciences; (4) REG/P-F/AUD. *Prerequisite: one year of college chemistry or biological science.*

0101 **(08364)** Murphy, T.
MWF 11:00am-11:50am (CHM 0128)
Time and room to be arranged Lab

CHEM398 *(PermReq)* **Special Projects; (2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to chemistry honors students. Consult with Dr. Sampugna.

CHEM399 *(PermReq)* **Introduction to Chemical Research; (1-3)** REG/P-F/AUD. CORE: CS Individual Instruction course: contact department or instructor to obtain section number. Research plans must have prior approval from Dr. Sampugna.

CHEM401 Inorganic Chemistry; (3) REG/P-F/AUD. *Prerequisite: CHEM 243 or CHEM 247.*

0101 **(08466)** Eichhorn, B.
MWF 10:00am-10:50am (CHM 0128)

CHEM403 Radiochemistry; (3) REG/P-F/AUD. *Prerequisite: one year of college chemistry and one year of college physics.*

0101 **(08476)** Walters, W.
MWF 12:00pm-12:50pm (CHM 0128)

CHEM425 Instrumental Methods of Analysis; (3) REG/P-F/AUD. *Prerequisite: CHEM 227 or CHEM 153.*

0101 **(08486)** Miller, C.
Tu 8:00am-8:50am (CHM 0122)
MW 12:00pm-2:50pm (Arranged) Lab

0102 **(08487)** Miller, C.
Tu 8:00am-8:50am (CHM 0122)
TuTh 1:00pm-4:00pm (Arranged) Lab

0104 **(08488)** Miller, C.
Tu 8:00am-8:50am (CHM 0122)
TuTh 9:00am-11:50am (Arranged) Lab

0109 **(08489)** Miller, C.
Tu 8:00am-8:50am (CHM 0122)
TuTh 6:00pm-9:00pm (Arranged) Lab

CHEM441 Advanced Organic Chemistry; (3) REG/P-F/AUD. *Prerequisite: CHEM 481.*

0101 **(08499)** Falvey, D.
MWF 8:00am-8:50am (CHM 0128)

CHEM474 Environmental Chemistry; (3) REG/P-F/AUD. *Prerequisite: CHEM 481 or equivalent.*

0101 **(08509)** Ondov, J.
MWF 1:00pm-1:50pm (CHM 0128)

CHEM481 Physical Chemistry I; (3) REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153 or CHEM 133; and MATH 141; and PHYS 142.*

0101 **(08519)** Murphy, T.
MWF 8:00am-8:50am (CHM 0115)

0201 **(08520)** Devoe, H.
MWF 9:00am-9:50am (CHM 0115)

CHEM482 Physical Chemistry II; (3) REG/P-F/AUD. *Prerequisite: CHEM 481.*

0101 **(08530)** Miller, G.
MWF 8:00am-8:50am (CHM 1402)

CHEM483 Physical Chemistry Laboratory I; (2) REG/P-F/AUD. *Corequisite: CHEM 481.*

0114 **(08540)** Rebbert, R.
M 2:00pm-5:00pm (Arranged) Lab
M 1:00pm-1:50pm (CHM 1402) Dis

0124 **(08541)** Rebbert, R.
Tu 2:00pm-5:00pm (Arranged) Lab
Tu 1:00pm-1:50pm (CHM 1402) Dis

0134 **(08542)** Rebbert, R.
W 2:00pm-5:00pm (Arranged) Lab
W 1:00pm-1:50pm (CHM 1402) Dis

0144 **(08543)** Rebbert, R.
Th 2:00pm-5:00pm (Arranged) Lab
Th 1:00pm-1:50pm (CHM 1402) Dis

CHEM484 Physical Chemistry Laboratory II; (2) REG/P-F/AUD. *Prerequisite: CHEM 481 and CHEM 483. Corequisite: CHEM 482.*

0124 **(08553)** Reutt-Robey, J.
Tu 2:00pm-5:00pm (Arranged) Lab
Tu 1:00pm-1:50pm (CHM 2201) Dis

0134 **(08554)** Reutt-Robey, J.
W 2:00pm-5:00pm (Arranged) Lab
W 1:00pm-1:50pm (CHM 2201) Dis

CHEM492 Advanced Inorganic Chemistry Laboratory; (3) REG/P-F/AUD. CORE: CS *Corequisite: CHEM 401.*

0201 **(08564)** Grim, S.
Tu 11:00am-11:50am (CHM 0124)
TuTh 1:00pm-5:00pm (CHM 1228) Lab

CHEM498B Special Topics in Chemistry: The Periodic Table D and F Block Elements; (3) REG/P-F/AUD.

0101 **(08574)** Boyd, A.
MWF 9:00am-9:50am (CHM 0124)

CHEM498C Special Topics in Chemistry: Computer Interfacing; (3) REG/P-F/AUD.

0101 **(08584)** O'Haver, T.
TuTh 10:00am-10:50am (CHM 0124)
Tu 1:00pm-4:00pm (Arranged) Lab

0201 **(08585)** O'Haver, T.
TuTh 10:00am-10:50am (CHM 0124)
Th 1:00pm-4:00pm (Arranged) Lab

CHEM601 Advanced Inorganic Chemistry I; (3) REG/AUD. *Prerequisite: CHEM 401 or equivalent.*

0101 **(08595)** STAFF
MWF 10:00am-10:50am (CHM 2201)

CHEM625 Separation Methods in Quantitative Analysis; (3) REG/AUD. *Prerequisites: CHEM 421 and CHEM 482 or equivalent.*

0101 **(08605)** Blough, N.
MWF 2:00pm-2:50pm (CHM 0128)

CHEM640 Problems in Organic Reaction Mechanisms; (1) REG/AUD.

0101 **(08615)** Falvey, D.
F 12:00pm-12:50pm (CHM 2201)

CHEM641 Organic Reaction Mechanisms; (3) REG/AUD.

0101 **(08625)** Falvey, D.
MWF 8:00am-8:50am (CHM 2201)

CHEM648 Special Topics in Organic Chemistry: Advanced NMR Spectroscopy; (3) REG/AUD.

0101 **(08635)** Von Philipsborn, W.
Time and room to be arranged

CHEM648X Special Topics in Organic Chemistry: Library Research; (1) REG/AUD.

0101 **(08645)** Davis, J.
Th 12:00pm-12:50pm (CHM 2201)

CHEM684 Chemical Thermodynamics; (3) REG/AUD. *Prerequisite: CHEM 482 or equivalent.*

0101 **(08655)** Weeks, J.
TuTh 9:30am-10:45am (CHM 0128)

CHEM690 Quantum Chemistry I; (3) REG/AUD. *Prerequisite: CHEM 485.*

0101 **(08665)** Tossell, J.
MWF 11:00am-11:50am (CHM 0124)

CHEM699 Special Problems in Chemistry; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis Master's degree candidates.

CHEM799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

CHEM898A Seminar: Analytical, Nuclear and Environmental; (1) REG/AUD.

0101 **(08767)** Miller, C.
F 3:00pm-3:50pm (CHM 0128)

CHEM898C Seminar: Inorganic; (1) REG/AUD.

0101 **(08777)** Eichhorn, B.
W 2:00pm-4:00pm (CHM 0127)

CHEM898D Seminar: Organic; (1) REG/AUD.

0101 **(08787)** Davis, J.
Tu 4:00pm-6:00pm (CHM 0128)

CHEM898E Seminar: Physical Chemistry; (1) REG/AUD.

0101 **(08797)** Tossell, J.
W 4:00pm-6:00pm (CHM 0128)

CHEM898F Seminar: Chemical Physics; (1) REG/AUD.

0101 **(08807)** Tossell, J.
W 4:00pm-6:00pm (CHM 0128)

CHEM898G Seminar: Physical Organic; (1) REG/AUD.

0101 **(08817)** Falvey, D.
Time and room to be arranged

CHEM898J Seminar: Natural Products; (1) REG/AUD.

0101 **(08837)** Jarvis, B.
Time and room to be arranged

CHEM898M Seminar: Materials Chemistry; (1) REG/AUD.

0101 **(08857)** Eichhorn, B.
Time and room to be arranged

CHEM898N Seminar: Phosphorus Chemistry; (1) REG/AUD.

0101 **(08867)** Grim, S.
Time and room to be arranged

CHEM898O Seminar: Natural Water; (1) REG/AUD.

0101 **(08877)** Helz, G.
Time and room to be arranged

CHEM898P Seminar: Structure and Reactivity of Biopolymers; (1) REG/AUD.
0101 **(08887)** Rokita, S.
Time and room to be arranged

CHEM898R Seminar: Transition Metal Chemistry; (1) REG/AUD.
0101 **(08897)** Poli, R.
Time and room to be arranged

CHEM899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

CHIN Chinese
(Arts and Humanities)

Non-Majors: please refer to the Foreign Language Placement Section of the Schedule of Classes.

CHIN101 *(PermReq)* **Intensive Elementary Chinese I; (6)** REG/P-F/AUD. *Non-majors admitted only after a placement interview.*
0101 **(09002)** Chin, T.
MWF 9:00am-9:50am (JMZ 0122)
MWF 10:00am-10:50am (JMZ 0122) Dis
0102 **(09003)** Chin, T.
MWF 9:00am-9:50am (JMZ 0122)
MWF 10:00am-10:50am (JMZ 1103) Dis
0201 **(09004)** Chin, T.
MWF 1:00pm-1:50pm (JMZ 0122)
MWF 2:00pm-2:50pm (JMZ 0122) Dis
0202 **(09005)** Chin, T.
MWF 1:00pm-1:50pm (JMZ 0122)
MWF 2:00pm-2:50pm (JMZ 0120) Dis

CHIN105 *(PermReq)* **Elementary Chinese - Accelerated Track; (3)** REG/P-F/AUD. *Prerequisite: permission of department. Not open to students who have completed CHIN 101, CHIN 102, or CHIN 103.*
0101 **(09015)** McGinnis, S.
MWF 10:00am-10:50am (JMZ 0120)

CHIN201 *(PermReq)* **Intermediate Spoken Chinese I; (3)** REG/P-F/AUD. *Prerequisite: CHIN 102 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(09025)** STAFF
MWF 2:00pm-2:50pm (JMZ 1109)

CHIN202 *(PermReq)* **Intermediate Written Chinese I; (3)** REG/P-F/AUD. *Prerequisite: CHIN 103 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(09035)** Brown, W.
MWF 1:00pm-1:50pm (JMZ 0120)

CHIN301 *(PermReq)* **Advanced Chinese I; (3)** REG/P-F/AUD. *Prerequisite: CHIN 202 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(09045)** Shen, H.
MWF 11:00am-11:50am (JMZ 0122)

CHIN303 *(PermReq)* **Business Chinese I; (3)** REG. *Prerequisites: CHIN 203; and CHIN 204 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(09055)** Shen, H.
MWF 2:00pm-2:50pm (JMZ 1104)

CHIN314 Chinese Fiction and Drama in Translation; (3) REG/P-F/AUD.
0101 **(09075)** Brown, W.
MWF 12:00pm-12:50pm (JMZ 0120)

CHIN401 *(PermReq)* **Readings in Modern Chinese I; (3)** REG/P-F/AUD. *Prerequisite: CHIN 302 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(09085)** Shen, H.
MWF 10:00am-10:50am (JMZ 1109)

CHIN405 *(PermReq)* **Advanced Conversation and Composition; (3)** REG/P-F/AUD. *Prerequisite: CHIN 302 or permission of instructor. Non-majors admitted only after a placement interview.*
0101 **(09105)** Shen, H.
MWF 1:00pm-1:50pm (JMZ 1103)

CHIN422 Advanced Chinese Grammar; (3) REG/P-F/AUD.
0101 **(09115)** McGinnis, S.
MWF 9:00am-9:50am (JMZ 1124)

CHIN431 *(PermReq)* **Translation and Interpretation I; (3)** REG/P-F/AUD. *Prerequisite: CHIN 302 or equivalent and permission of department.*
0101 **(09125)** Brown, W.
MWF 11:00am-11:50am (JMZ 1123)

CHIN499 *(PermReq)* **Directed Study in Chinese; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CHPH Chemical Physics
(Computer, Mathematical and Physical Sciences)

CHPH709A Seminar in Chemical Physics: Physical Chemistry; (1) REG/AUD.
0101 **(09199)** Tossell, J.
W 4:00pm-6:00pm (CHM 0128)

CHPH709B Seminar in Chemical Physics: Statistical Physics Seminar; (1) REG/AUD.
0101 **(09209)** Kirkpatrick, T.
Tu 1:15pm-2:30pm (IPT 1116)

CHPH709C Seminar in Chemical Physics: Optical Interactions; (1) REG/AUD.
0101 **(09210)** STAFF
Th 4:00pm-5:15pm (Arranged)

CHPH718A Special Topics in Chemical Physics: Current Topics in Surface Physics; (2) REG/AUD.
0101 **(51743)** Williams, E.
M 12:00pm-1:00pm (PHY 1304)
F 3:00pm-5:00pm (PHY 1402)

CHPH799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CHPH899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CLAS Classics
(Arts and Humanities)

CLAS170 Greek and Roman Mythology; (3) REG/P-F/AUD. CORE: HL Taught in English.
0101 **(09297)** Stehle, E.
MW 10:00am-10:50am (MMH 1400)
F 10:00am-10:50am (CLB 0109) Dis
0102 **(09298)** Stehle, E.
MW 10:00am-10:50am (MMH 1400)
Th 10:00am-10:50am (ARM 0118) Dis
0103 **(09299)** Stehle, E.
MW 10:00am-10:50am (MMH 1400)
Th 11:00am-11:50am (HJP 1229) Dis
0104 **(09300)** Stehle, E.
MW 10:00am-10:50am (MMH 1400)
Th 12:00pm-12:50pm (ARM 0103) Dis
0105 **(09301)** Stehle, E.
MW 10:00am-10:50am (MMH 1400)
Th 1:00pm-1:50pm (JMZ 1122) Dis
0106 **(09302)** Stehle, E.
MW 10:00am-10:50am (MMH 1400)
F 10:00am-10:50am (JMP 3105) Dis
0107 **(09303)** Stehle, E.
MW 10:00am-10:50am (MMH 1400)
F 10:00am-10:50am (MTH 0307) Dis
0108 **(09304)** Stehle, E.
MW 10:00am-10:50am (MMH 1400)
F 12:00pm-12:50pm (PHY 1219) Dis
0201 **(09305)** Stehle, E.
MW 11:00am-11:50am (MMH 1400)
F 11:00am-11:50am (ARM 0121) Dis
0202 **(09306)** Stehle, E.
MW 11:00am-11:50am (MMH 1400)
Th 10:00am-10:50am (HJP 1229) Dis
0203 **(09307)** Stehle, E.
MW 11:00am-11:50am (MMH 1400)
Th 11:00am-11:50am (ARM 0119) Dis
0204 **(09308)** Stehle, E.
MW 11:00am-11:50am (MMH 1400)
F 9:00am-9:50am (ARM 0120) Dis
0205 **(09309)** Stehle, E.
MW 11:00am-11:50am (MMH 1400)
Th 9:00am-9:50am (MMH 0108) Dis
0206 **(09310)** Stehle, E.
MW 11:00am-11:50am (MMH 1400)
F 11:00am-11:50am (WDS 1130) Dis
0207 **(09311)** Stehle, E.
MW 11:00am-11:50am (MMH 1400)
Th 12:00pm-12:50pm (HJP 1229) Dis

CLAS270 Greek Literature in Translation; (3) REG/P-F/AUD. CORE: HL
0101 **(09321)** Doherty, L.
MW 12:00pm-12:50pm (MMH 1400)
F 10:00am-10:50am (LEF 1220) Dis
0102 **(09322)** Doherty, L.
MW 12:00pm-12:50pm (MMH 1400)
F 12:00pm-12:50pm (MMH 0108) Dis
0103 **(09323)** Doherty, L.
MW 12:00pm-12:50pm (MMH 1400)
F 1:00pm-1:50pm (MMH 3418) Dis

CLAS309 Special Topics in Classical Literature: The Ancient City; (3) REG/P-F/AUD.
0101 **(09333)** Rutledge, S.
TuTh 11:00am-12:20pm (MMH 1304)

CLAS315 Greek and Roman Athletics; (3) REG/P-F/AUD.
0101 **(09343)** Lee, H.
TuTh 12:30pm-1:45pm (PLS 1130)

CLAS420 The Classical Tradition; (3) REG/P-F/AUD.
0101 **(09353)** Staley, G.
MWF 2:00pm-2:50pm (MMH 0108)

CLAS499 Independent Study in Classical Languages and Literatures; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CLAS699 *(PermReq)* **Independent Study in Classical Civilization; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CLAS799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact dept. or instructor to obtain section number.

CLUS Clusters
(Undergraduate Studies)

CLUS001 Talk of the Struggle: Protest and Social Change; (No credit) NGI.
Restricted to students in a First Year Focus Cluster.
0001 **(09429)** STAFF
Time and room to be arranged

CLUS002 Body and Mind; (No credit) NGI.
Restricted to students in a First Year Focus Cluster.
0002 **(09439)** STAFF
Time and room to be arranged

CLUS003 Public Orders and Private Values: Politics and Ethics; (No credit) NGI.
Restricted to students in a First Year Focus Cluster.
0003 **(09449)** STAFF
Time and room to be arranged

CLUS004 The Play of Life: Exploring the World Within; (No credit) NGI.
Restricted to students in a First Year Focus Cluster.
0004 **(09459)** STAFF
Time and room to be arranged

CLUS005 Justice for All?; (No credit) NGI.
Restricted to students in a First Year Focus Cluster.
0005 **(09469)** STAFF
Time and room to be arranged

CLUS006 Expression of the Mind; (No credit) NGI.
This First Year Focus Cluster is restricted to students in the College of Arts and Humanities and the Division of Letters and Sciences.
0006 **(09479)** STAFF
Time and room to be arranged

CLUS007 New Perspectives on Indiana Jones: World Archaeology; (No credit) NGI.
Restricted to students in a First Year Focus Cluster.
0007 **(09489)** STAFF
Time and room to be arranged

CLUS008 Environmental Science and Policy; (No credit) NGI.
This First Year Focus Cluster is restricted to Environmental Science and Policy students.
0008 **(09499)** STAFF
Time and room to be arranged

CLUS009 Focus on Journalism; (No credit) NGI.
This First Year Focus Cluster is restricted to Journalism majors.
0009 **(09509)** STAFF
Time and room to be arranged

CLUS010 Focus on Journalism; (No credit) NGI.
This First Year Focus Cluster is restricted to students in the Division of Letters and Sciences with an interest in Journalism.
0010 **(09519)** STAFF
Time and room to be arranged

CLUS011 Engineering Design; (No credit) NGI.
Restricted to students in a First Year Focus Cluster.
0011 **(09529)** STAFF
Time and room to be arranged

CLUS012 Engineering Design; (No credit) NGI.
Restricted to students in a First Year Focus Cluster.
0012 **(09539)** STAFF
Time and room to be arranged

CLUS013 Engineering Orientation; (No credit) NGI.
Restricted to students in a First Year Focus Cluster.
0013 **(09549)** STAFF
Time and room to be arranged

CLUS014 Engineering Orientation; (No credit) NGI.
Restricted to students in a First Year Focus Cluster.
0014 **(09559)** STAFF
Time and room to be arranged

CLUS015 Engineering Orientation; (No credit) NGI.
Restricted to students in a First Year Focus Cluster.
0015 **(09569)** STAFF
Time and room to be arranged

CLUS016 Education Orientation; (No credit) NGI.
This First Year Focus Cluster is restricted to Early Childhood Education and Special Education majors only. EDCP 108O is recommended for students enrolled in this cluster.
0016 **(09579)** STAFF
Time and room to be arranged

CLUS017 Education Orientation; (No credit) NGI.
This First Year Focus Cluster is restricted to Early Childhood Education and Elementary Education majors only. EDCP 108O is recommended for students enrolled in this cluster.
0017 **(09589)** STAFF
Time and room to be arranged

CLUS018 Education Orientation; (No credit) NGI.
This First Year Focus Cluster is restricted to students in the College of Education only. EDCP 108O is recommended for students enrolled in this cluster.
0018 **(09599)** STAFF
Time and room to be arranged

CLUS019 Computer, Mathematical, and Physical Sciences Cluster; (No credit) NGI.
This First Year Focus Cluster is restricted to students in the College of Computer, Mathematical and Physical Sciences.
0019 **(09601)** STAFF
Time and room to be arranged

CLUS020 Computer, Mathematical, and Physical Sciences Cluster; (No credit) NGI.
This First Year Focus Cluster is restricted to students in the College of Computer, Mathematical, and Physical Sciences.
0020 **(09602)** STAFF
Time and room to be arranged

CLUS021 Computer, Mathematical, and Physical Sciences Cluster; (No credit) NGI.
This First Year Focus Cluster is restricted to students in the College of Computer, Mathematical, and Physical Sciences.
0021 **(09603)** STAFF
Time and room to be arranged

CLUS022 Computer, Mathematical, and Physical Sciences Cluster; (No credit) NGI.
This First Year Focus Cluster is restricted to students in the College of Computer, Mathematical, and Physical Sciences.
0022 **(09604)** STAFF
Time and room to be arranged

CLUS023 Computer, Mathematical, and Physical Sciences Cluster; (No credit) NGI.
This First Year Focus Cluster is restricted to students in the College of Computer, Mathematical, and Physical Sciences.
0023 **(09605)** STAFF
Time and room to be arranged

CLUS024 Computer, Mathematical, and Physical Sciences Cluster; (No credit) NGI.
This First Year Focus Cluster is restricted to students in the College of Computer, Mathematical, and Physical Sciences.
0024 **(09606)** STAFF
Time and room to be arranged

CMLT Comparative Literature
(Arts and Humanities)

CMLT214 Film Form and Culture; (3) REG/P-F/AUD. CORE: HA
0101 **(09649)** Lifton, M.
MW 1:00pm-3:00pm (SQH 1120)
F 10:00am-10:50am (SQH 1123) Dis
0102 **(09650)** Lifton, M.
MW 1:00pm-3:00pm (SQH 1120)
F 11:00am-11:50am (SQH 1103) Dis
0103 **(09651)** Lifton, M.
MW 1:00pm-3:00pm (SQH 1120)
F 1:00pm-1:50pm (SQH 1119) Dis
0104 **(09652)** Lifton, M.
MW 1:00pm-3:00pm (SQH 1120)
F 2:00pm-2:50pm (SQH 2120) Dis

CMLT235 Introduction to the Literatures of the African Diaspora; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Credit will be granted for only one of the following: CMLT 235 or ENGL 235.*
0101 **(09662)** Silberman, S.
TuTh 2:00pm-3:15pm (SQH 1119)

CMLT270 Global Literature and Social Change; (3) REG. CORE: HL DIVERSITY
0101 **(09672)** STAFF
MW 12:30pm-1:45pm (DNC 1143)
0201 **(09673)** Aurand, B.
MW 2:00pm-3:15pm (HBK 1108)
0301 **(09674)** Parker, M.
TuTh 11:00am-12:15pm (HBK 1108)
0401 **(09675)** Shields, T.
TuTh 12:30pm-1:45pm (SQH 1103)
0501 **(09676)** Shields, T.
TuTh 9:30am-10:45am (LEF 1221)
0601 **(09677)** Parker, M.
TuTh 2:00pm-3:15pm (ZOP 1238)

CMLT275 World Literature by Women; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as WMST 275. Credit will be granted for only one of the following: CMLT 275 or WMST 275.*
0101 **(09687)** Voloshen, L.
MW 9:30am-10:45am (ASY 2309)
0201 **(09688)** Moriel, L.
MW 2:00pm-3:15pm (SQH 2121)
0301 **(09689)** Shah, M.
TuTh 11:00am-12:15pm (WDS 1127)
0401 **(09690)** Shah, M.
TuTh 3:30pm-4:45pm (WDS 1131)

CMLT277 Literatures of the Americas; (3) REG/P-F/AUD. CORE: HL DIVERSITY
0101 **(09700)** STAFF
MW 2:00pm-3:15pm (KEY 0123)

CMLT280 Film Art in a Global Society; (3) REG/P-F/AUD. CORE: HA DIVERSITY *Prerequisite: CMLT 214 or equivalent.*
0101 **(09710)** Cieply, S.
TuTh 11:00am-12:15pm (SQH 1103)
M 6:30pm-9:00pm (SQH 1120) Lab
0201 **(09711)** Cieply, S.
TuTh 2:00pm-3:15pm (SQH 2122)
M 6:30pm-9:00pm (SQH 1120) Lab
0301 **(09712)** Schaub, J.
MW 2:00pm-3:15pm (SQH 2120)
M 6:30pm-9:00pm (SQH 1120) Lab

CMLT291 International Perspectives on Lesbian and Gay Studies; (3) REG/P-F/AUD.
0101 **(09722)** Voloshen, L.
MW 2:00pm-3:15pm (DNC 1143)

CMLT298L Topics in Comparative Studies: Films of Revolution and Social Change; (3) REG/P-F/AUD. Restricted to students in a First Year Focus Cluster.
0101 **(09723)** Robinson, E.
TuTh 9:30am-10:45am (SQH 1120)

CMLT386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*
0101 **(09732)** STAFF
Time and room to be arranged

CMLT488G Genres: Screenwriting; (3) REG/P-F/AUD.
0101 **(09742)** Lifton, M.
MW 3:30pm-6:30pm (SQH 2121)

CMLT488L Genres: Advertising and Global Culture; (3) REG/P-F/AUD.
0101 **(09752)** Robinson, E.
TuTh 2:00pm-3:15pm (ASY 3211)

CMLT498L Selected Topics in Comparative Studies: Films of Revolution and Social Change; (3) REG/P-F/AUD.
0101 **(09772)** Robinson, E.
TuTh 9:30am-10:45am (SQH 1120)

CMLT498M Selected Topics in Comparative Studies: Femmes Fatales and the Representation of Violence in Literature, Opera and Film; (3) REG/P-F/AUD.
0101 **(09782)** Mossman, C.
TuTh 11:00am-12:15pm (JMZ 2206)

CMLT498Q Selected Topics in Comparative Studies: 'Gay is Very American': Readings in Lesbian, Gay, and Bisexual Literature; (3) REG/P-F/AUD.
0101 **(09792)** Smith, M.
MW 11:00am-12:15pm (DNC 1139B)

CMLT498S Selected Topics in Comparative Studies: The Computer and the Text: Multimedia as Critical Expression; (3) REG/P-F/AUD.
0101 **(51705)** Kolker, R.
TuTh 11:00am-12:15pm (CSS 1410)

CMLT600 *(PermReq)* **Introduction to Critical Theory; (3)** REG/AUD. *Prerequisite: permission of department.* Course offered in the fall semester only.
0101 **(09812)** STAFF
M 3:30pm-6:00pm (SQH 1117)

CMLT679B *(PermReq)* **Topics in Comparative Studies: Readings in Caribbean Literature; (3)** REG/AUD.
0101 **(09822)** Collins, M.
Th 6:30pm-9:00pm (SQH 1117)

CMLT679D Topics in Comparative Studies: French Cinema and the American Gaze; (3) REG/AUD.
0101 **(09842)** Hage, M.
Tu 4:30pm-7:00pm (JMZ 3120)

CMLT679E Topics in Comparative Studies: Culturas Indigenas; (3) REG/AUD.
0101 **(51679)** Harrison, R.
W 4:30pm-7:00pm (JMZ 3118)

CMLT679G Topics in Comparative Studies: Political Theory; (3) REG/AUD.
0101 **(09852)** Glass, J.
W 6:30pm-9:15pm (TYD 1108)

CMLT679K Topics in Comparative Studies: Race, Gender and the Public Sphere; (3) REG/AUD.
0101 **(09862)** Richter, S.
Th 3:30pm-6:00pm (SQH 1123)

CMLT679M *(PermReq)* **Topics in Comparative Studies: Paper Trails: Theory Reading Theory; (3)** REG/AUD.
0101 **(09872)** Wang, O.
W 3:30pm-6:00pm (SQH 1111)

CMLT679R *(PermReq)* **Topics in Comparative Studies: Modern Drama; (3)** REG/AUD.
0101 **(09882)** STAFF
Tu 6:30pm-9:00pm (SQH 3109)

CMLT679S Topics in Comparative Studies: Narrative Theory and Current Critical Debates; (3) REG/AUD.
0101 **(51704)** Richardson, B.
M 3:30pm-6:00pm (SQH 2122)

CMLT699 *(PermReq)* **Independent Study; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CMLT701 Paradigms of Theory; (3) REG. *Prerequisite: an introductory course in critical theory.*
0101 **(09920)** Grossman, M.
Tu 3:30pm-6:00pm (SQH 1111)

CMLT788A Practicum in Comparative Studies: Teaching Practicum; (1) S-F.
0101 **(09930)** STAFF
Time and room to be arranged

CMLT798 *(PermReq)* **Critical Theory Colloquium; (1)** S-F.
0101 **(09931)** STAFF
Time and room to be arranged

CMLT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

CMLT899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

CMSC Computer Science (Computer, Mathematical and Physical Sciences)

CMSC102 Introduction to Information Technology; (3) REG/P-F/AUD. *For non-majors only. Not open to students who have completed CMSC 113 or CMSC 214. Credit will be granted for only one of the following: CMSC 102 or CMSC 214 or CMSC 113. (If CMSC 102 is taken before (CMSC 214 or CMSC 113), then credit will be granted for both).*
0101 **(10032)** Golub, E.
TuTh 2:00pm-3:15pm (PLS 1140)
0201 **(10033)** Golub, E.
TuTh 3:30pm-4:45pm (PLS 1140)

CMSC103 Introduction to Computing; (3) REG/P-F/AUD. *Not open to students who have completed CMSC 113 or CMSC 214. Credit will be granted for only one of the following: CMSC 103 or CMSC 214 or CMSC 113. (If CMSC 103 is taken before (CMSC 214 or CMSC 113), then credit will be granted for both).*
0101 **(10043)** STAFF
MWF 10:00am-10:50am (JMP 3201)
0201 **(10044)** STAFF
TuTh 12:30pm-2:00pm (CLB 0111)

CMSC106 Introduction to C Programming; (4) REG/P-F/AUD. *Prerequisite: MATH 110. Not applicable to the major requirements in computer science. Credit will not be granted for CMSC 106 if students already have credit for either CMSC 113 or CMSC 114. Not open to students who have completed CMSC 113 or CMSC 114.*
0101 **(10054)** Herman, L.
MWF 12:00pm-12:50pm (CHM 1402)
MW 3:00pm-3:50pm (CSS 2330) Lab
0102 **(10055)** Herman, L.
MWF 12:00pm-12:50pm (CHM 1402)
MW 4:00pm-4:50pm (CSS 2330) Lab
0201 **(10056)** Herman, L.
MWF 2:00pm-2:50pm (CLB 0111)
MW 3:00pm-3:50pm (CSS 2352) Lab
0202 **(10057)** Herman, L.
MWF 2:00pm-2:50pm (CLB 0111)
MW 4:00pm-4:50pm (CSS 2352) Lab
0301 **(10058)** Plane, J.
MWF 10:00am-10:50am (CLB 0111)
MW 3:00pm-3:50pm (CHM 0115) Lab
0302 **(10059)** Plane, J.
MWF 10:00am-10:50am (CLB 0111)
MW 4:00pm-4:50pm (CHM 0115) Lab
0401 **(10060)** Plane, J.
MWF 11:00am-11:50am (CLB 0111)
MW 3:00pm-3:50pm (CLB 0109) Lab
0402 **(10061)** Plane, J.
MWF 11:00am-11:50am (CLB 0111)
MW 4:00pm-4:50pm (CLB 0109) Lab
0501 **(10879)** Herman, L.
MWF 11:00am-11:50am (CHM 1402)
MW 3:00pm-3:50pm (ZOP 1232) Lab
0502 **(10881)** Herman, L.
MWF 11:00am-11:50am (CHM 1402)
MW 4:00pm-4:50pm (ZOP 1232) Lab
0601 **(10875)** STAFF
MWF 11:00am-11:50am (CHM 0115)
MW 3:00pm-3:50pm (MTH 0306) Lab
0602 **(10876)** STAFF
MWF 11:00am-11:50am (CHM 0115)
MW 4:00pm-4:50pm (MTH 0306) Lab
0701 **(10877)** STAFF
MWF 12:00pm-12:50pm (CHM 0115)
MW 3:00pm-3:50pm (MTH 0307) Lab
0702 **(10878)** STAFF
MWF 12:00pm-12:50pm (CHM 0115)
MW 4:00pm-4:50pm (MTH 0307) Lab

CMSC106+ Introduction to C Programming; (4) REG/P-F/AUD. *Prerequisite: MATH 110. Not applicable to the major requirements in computer science. Credit will not be granted for CMSC 106 if students already have credit for either CMSC 113 or CMSC 114. Not open to students who have completed CMSC 113 or CMSC 114.*
0102 **(10062)** Herman, L.
MWF 12:00pm-12:50pm (CHM 1402)
MW 4:00pm-4:50pm (CSS 2330) Lab
0202 **(10063)** Herman, L.
MWF 2:00pm-2:50pm (CLB 0111)
MW 4:00pm-4:50pm (CSS 2352) Lab
0302 **(10065)** Plane, J.
MWF 10:00am-10:50am (CLB 0111)
MW 4:00pm-4:50pm (CHM 0115) Lab
0401 **(10064)** Plane, J.
MWF 11:00am-11:50am (CLB 0111)
MW 3:00pm-3:50pm (CLB 0109) Lab

CMSC107 Introduction to the UNIX Operating System; (3) REG/P-F/AUD. *Recommended: prior experience with computing.*
0101 **(10071)** Plane, J.
MWF 12:00pm-12:50pm (CLB 0111)

CMSC114 Computer Science I; (4) REG/P-F/AUD. *Prerequisite: (CMSC 105 or CMSC 106) with a grade of C or better or score of 4 or 5 on Pascal AP exam or permission of department based on satisfactory performance on the department's placement exams. Corequisite: MATH 140. Credit will be granted for only one of the following: CMSC 114 or CMSC 113.*
0101 **(10081)** STAFF
MWF 11:00am-11:50am (JMP 3201)
MW 9:00am-9:50am (CLB 0102) Lab
0102 **(10082)** STAFF
MWF 11:00am-11:50am (JMP 3201)
MW 10:00am-10:50am (CLB 0102) Lab
0201 **(10083)** Fontana, M.
TuTh 9:30am-10:45am (JMP 3201)
MW 9:00am-9:50am (CSS 2330) Lab
0202 **(10084)** Fontana, M.
TuTh 9:30am-10:45am (JMP 3201)
MW 10:00am-10:50am (CSS 2330) Lab
0301 **(10085)** Fontana, M.
TuTh 11:00am-12:15pm (JMP 3201)
MW 9:00am-9:50am (CSS 2352) Lab
0302 **(10086)** Fontana, M.
TuTh 11:00am-12:15pm (JMP 3201)
MW 10:00am-10:50am (CSS 2352) Lab
0401 **(10087)** Fontana, M.
TuTh 12:30pm-2:00pm (JMP 3201)
MW 9:00am-9:50am (COL 3109) Lab
0402 **(10088)** Fontana, M.
TuTh 12:30pm-2:00pm (JMP 3201)
MW 10:00am-10:50am (COL 3109) Lab
0501 **(10089)** STAFF
MWF 12:00pm-12:50pm (JMP 3201)
MW 9:00am-9:50am (COL 3110) Lab
0502 **(10090)** STAFF
MWF 12:00pm-12:50pm (JMP 3201)
MW 10:00am-10:50am (COL 3110) Lab

CMSC150 Introduction to Discrete Structures; (4) REG/P-F/AUD. CORE: MS *Pre- or corequisite: MATH 140. Formerly CMSC 250.* All sections of CMSC 150 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided with a make-up exam.
0101 **(10096)** Dorr, B.
TuTh 11:00am-12:15pm (CLB 0111)
MW 12:00pm-12:50pm (CSS 2330) Dis
0102 **(10097)** Dorr, B.
TuTh 11:00am-12:15pm (CLB 0111)
MW 1:00pm-1:50pm (CSS 2330) Dis
0103 **(10098)** Dorr, B.
TuTh 11:00am-12:15pm (CLB 0111)
MW 2:00pm-2:50pm (CSS 2330) Dis
0201 **(10099)** Kruskal, C.
TuTh 12:30pm-1:45pm (CHE 2108)
MW 12:00pm-12:50pm (CSS 2352) Dis
0202 **(10100)** Kruskal, C.
TuTh 12:30pm-1:45pm (CHE 2108)
MW 1:00pm-1:50pm (CSS 2352) Dis
0203 **(10101)** Kruskal, C.
TuTh 12:30pm-1:45pm (CHE 2108)
MW 2:00pm-2:50pm (CSS 2352) Dis
0301 **(10102)** STAFF
TuTh 2:00pm-3:15pm (PHY 1410)
MW 12:00pm-12:50pm (CLB 0109) Dis
0302 **(10103)** STAFF
TuTh 2:00pm-3:15pm (PHY 1410)
MW 1:00pm-1:50pm (CLB 0109) Dis
0303 **(10104)** STAFF
TuTh 2:00pm-3:15pm (PHY 1410)
MW 2:00pm-2:50pm (CLB 0109) Dis

CMSC214 Computer Science II; (4) REG/P-F/AUD. *Prerequisites: CMSC 114 with a grade of C or better or score of 4 or 5 on C++ AP exam or permission of department based on satisfactory performance on the department's placement exam; and CMSC 150 with a grade of C or better or an acceptable score on the department's CMSC 150 exemption exam. Corequisite: MATH 141. Credit will be granted for only one of the following: CMSC 214 or CMSC 113.*
0101 **(10111)** Golub, E.
MW 2:00pm-3:15pm (JMP 3201)
MW 11:00am-11:50am (JMP 3104) Lab
0102 **(10112)** Golub, E.
MW 2:00pm-3:15pm (JMP 3201)
MW 12:00pm-12:50pm (JMP 3104) Lab
0201 **(10113)** Kaye, G.
TuTh 3:30pm-4:45pm (JMP 3201)
MW 11:00am-11:50am (CLB 0104) Lab
0202 **(10114)** Kaye, G.
TuTh 3:30pm-4:45pm (JMP 3201)
MW 12:00pm-12:50pm (CLB 0104) Lab

CMSC251 Algorithms; (3) REG/P-F/AUD. *Prerequisites: (CMSC 112 or CMSC 114) with a grade of C or better; CMSC 150 with a grade of C or better; and MATH 140.*
0101 **(10124)** Nau, D.
TuTh 12:30pm-1:45pm (CHE 2110)

CMSC311 *(PermReq)* **Computer Organization; (3)** REG/P-F/AUD. *Prerequisite: (CMSC 113 or CMSC 214) with a grade of C or better.*
0101 **(10134)** Hugue, M.
TuTh 2:00pm-3:15pm (JMP 3201)

CMSC330 *(PermReq)* **Organization of Programming Languages; (3)** REG/P-F/AUD. *Prerequisite: (CMSC 113 or CMSC 214) with a grade of C or better.*
0101 **(10144)** Zelkowitz, M.
MW 9:00am-9:50am (JMP 3201)
MW 1:00pm-1:50pm (CLB 0104) Dis
0102 **(10145)** Zelkowitz, M.
MW 9:00am-9:50am (JMP 3201)
MW 2:00pm-2:50pm (CLB 0104) Dis

CMSC386 *(PermReq)* **Experiential Learning; (3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* Prerequisite: written permission of department must be obtained in advance on departmental form.

CMSC390 *(PermReq)* **Honors Paper; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to CMSC Honors Program.*

CMSC411 Computer Systems Architecture; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 311 and CMSC 330; or CMSC 400; and permission of department; or CMSC graduate student.*
0101 **(10233)** Agrawala, A.
TuTh 11:00am-12:15pm (CLB 0102)
0201 **(10234)** Stewart, G.
TuTh 2:00pm-3:15pm (CLB 0102)

CMSC412 Operating Systems; (4) REG/P-F/AUD. CORE: CS *Prerequisites: (a grade of C or better in CMSC 311 and CMSC 330) or a grade of C or better in CMSC 400; and permission of department; or CMSC graduate student.*
0101 **(10244)** Keleher, P.
TuTh 11:00am-12:15pm (CLB 0104)
MW 9:00am-9:50am (CLB 0109) Lab
0102 **(10245)** Keleher, P.
TuTh 11:00am-12:15pm (CLB 0104)
MW 10:00am-10:50am (CLB 0109) Lab

CMSC417 Computer Networks; (3) REG/P-F/AUD. *Prerequisites: (CMSC 113 or CMSC 214) with a grade of C or better; and CMSC 251 with a grade of C or better.*
0101 **(10255)** Hollingsworth, J.
TuTh 9:30am-10:45am (EGR 3106)
0201 **(10256)** Shankar, A.
TuTh 9:30am-10:45am (CSS 2330)

CMSC420 Data Structures; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 330 or CMSC 400; and permission of department; or CMSC graduate student.*
0101 **(10265)** Samet, H.
TuTh 2:00pm-3:15pm (CLB 0104)
0201 **(10266)** Shapiro, B.
Tu 6:30pm-9:00pm (CSS 2330)
0301 **(10267)** Hugue, M.
TuTh 12:30pm-1:45pm (AVW 1112)

CMSC421 Introduction to Artificial Intelligence; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 251 and CMSC 330; and permission of department; or CMSC graduate student. Recommended: CMSC 420.*
0101 **(10276)** Perlis, D.
M 6:00pm-8:30pm (AVW 1112)

CMSC424 Database Design; (3) REG/P-F/AUD. CORE: CS *Prerequisite: CMSC 420 with a grade of C or better; and permission of department; or CMSC graduate student. Recommended: CMSC 450.*
0101 **(10286)** Minker, J.
TuTh 12:30pm-1:45pm (CLB 0102)
0201 **(10287)** Roussopoulos, N.
MW 11:00am-12:15pm (CLB 0102)
0301 **(10288)** Soffer, A.
TuTh 12:30pm-1:45pm (CLB 0104)

CMSC426 Image Processing; (3) REG/P-F/AUD. *Prerequisite: CMSC 420 and permission of department; or CMSC graduate student.*
0101 **(10289)** Davis, L.
MW 3:00pm-4:15pm (CLB 0102)

CMSC430 Theory of Language Translation; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 330 or CMSC 400; and permission of department; or CMSC graduate student.*
0101 **(10297)** Pugh, W.
TuTh 9:30am-10:45am (CLB 0104)
0201 **(10298)** Tseng, C.
TuTh 11:00am-12:15pm (CSS 2330)

CMSC435 Software Engineering; (3) REG/P-F/AUD. CORE: CS *Prerequisites: CMSC 420 with a grade of C or better; and permission of department; or CMSC graduate student.*
0101 **(10308)** Purtilo, J.
TuTh 2:00pm-3:15pm (CSS 2352)
0201 **(10309)** Porter, A.
MW 9:00am-10:15am (CLB 0104)

CMSC450 Logic for Computer Science; (3) REG/P-F/AUD. *Prerequisites: (CMSC 251 and MATH 141) with grade of C or better and permission of department; or CMSC graduate student. Also offered as MATH 450. Credit will be granted for only one of the following: MATH 445 or CMSC 450/MATH 450.*
0101 **(10319)** Lopez-Escobar, E.
TuTh 12:30pm-1:45pm (MTH 0305)

CMSC451 Design and Analysis of Computer Algorithms; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in (CMSC 113 or CMSC 214) and a grade of C or better in CMSC 251; and permission of department.*
0101 **(10329)** Kruskal, C.
TuTh 3:30pm-4:45pm (CLB 0104)
0201 **(10330)** Khuller, S.
MW 2:00pm-3:15pm (PLS 1119)

CMSC452 Elementary Theory of Computation; (3) REG/P-F/AUD. *Prerequisites: (CMSC 113 or CMSC 214) with a grade of C or better; CMSC 251 with a grade of C or better.*
0101 **(10340)** Miller, R.
TuTh 9:30am-10:45am (CLB 0102)

CMSC460 Computational Methods; (3) REG/P-F/AUD. *Prerequisites: (a grade of C or better in MATH 240 and MATH 241); and (CMSC 110 or CMSC 113); and permission of department; or CMSC graduate student. Also offered as MAPL 460. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466.*
0101 **(10350)** Wolfe, P.
MWF 8:00am-8:50am (MTH 0303)
0201 **(10351)** Oleary, D.
TuTh 12:30pm-1:45pm (CLB 0109)

CMSC466 Introduction to Numerical Analysis I; (3) REG/P-F/AUD. *Prerequisites: (a grade of C or better in MATH 240 and MATH 241); and (CMSC 110 or CMSC 113); and permission of department; or CMSC graduate student. Also offered as MAPL 466. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466.*
0101 **(10361)** Cooper, J.
MWF 2:00pm-2:50pm (MTH 0302)
0201 **(10362)** Nochetto, R.
TuTh 11:00am-12:15pm (EGR 1108)

CMSC475 Combinatorics and Graph Theory; (3) REG/P-F/AUD. *Prerequisites: MATH 240 and MATH 241; and permission of department; or CMSC graduate student. Also offered as MATH 475.*
0101 **(10372)** Adams, J.
MWF 2:00pm-2:50pm (MTH 0401)

CMSC498A *(PermReq)* **Special Problems in Computer Science; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written permission of department required in advance on departmental form.

CMSC624 Database Systems Implementation; (3) REG/AUD. *Prerequisite: CMSC 424 or permission of instructor.*
0101 **(10423)** Subrahmanian, V.
TuTh 9:30am-10:45am (EGR 1102)

CMSC650 Theory of Computing; (3) REG/AUD. *Prerequisite: CMSC 452.*
0101 **(10432)** Smith, C.
TuTh 9:30am-10:45am (CLB 0109)

CMSC666 Numerical Analysis I; (3) REG/AUD. *Prerequisites: CMSC/MAPL 466; and MATH 410. Also offered as MAPL 666.* CMSC majors only. Other majors require permission of department.
0101 **(10442)** Elman, H.
TuTh 3:30pm-4:45pm (CLB 0109)

CMSC710 Performance Evaluation of Computer Systems; (3) REG/AUD. *Prerequisite: CMSC 412, MATH 141, and STAT 400 or equivalent.*
0101 **(10443)** Gerber, R.
TuTh 12:30pm-1:45pm (EGR 3106)

CMSC723 Natural Language Processing; (3) REG/AUD. *Prerequisite: CMSC 421 or equivalent or permission of instructor.*
0101 **(51785)** Resnik, P.
W 9:30am-12:00pm (JMP 1202)
Time and room to be arranged Lab

CMSC724 Database Management Systems; (3) REG/AUD. *Prerequisite: CMSC 624 or permission of instructor.*
0101 **(10462)** Franklin, M.
MW 1:00pm-2:15pm (CLB 0102)

CMSC733 Computer Processing of Pictorial Information; (3) REG/AUD. *Prerequisite: CMSC 420.*
0101 **(10472)** Aloimonos, J.
TuTh 2:00pm-3:15pm (CSS 2330)

CMSC735 A Quantitative Approach to Software Management and Engineering; (3) REG/AUD. *Prerequisites: CMSC 435; and STAT 400 or permission of instructor.*
0101 **(10482)** Basili, V.
TuTh 6:30pm-8:30pm (CSS 1113)

CMSC754 Computational Geometry; (3) REG/AUD. *Prerequisites: (CMSC 420 and CMSC 451) or permission of instructor.*
0101 **(10492)** Mount, D.
TuTh 11:00am-12:15pm (CLB 0109)

CMSC798A *(PermReq)* **Graduate Seminar in Computer Science; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. CMSC majors only. Other majors require permission of department.

CMSC799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. CMSC majors only. Other majors require permission of department.

CMSC818A *(PermReq)* **Advanced Topics in Computer Systems; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC828A *(PermReq)* **Advanced Topics in Information Processing; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC828F Advanced Topics in Information Processing; (1-3) REG/AUD.
0101 **(10677)** Faloutsos, C.
TuTh 12:30pm-1:45pm (AVW 3258)

CMSC828R Advanced Topics in Information Processing; (1-3) REG/AUD.
0101 **(10678)** Hendler, J.
Tu 4:00pm-6:30pm (AVW 1112)

CMSC828S Advanced Topics in Information Processing; (1-3) REG/AUD.
0101 **(51787)** Shneiderman, B.
TuTh 9:30am-10:45am (CSS 2352)

CMSC838A *(PermReq)* **Advanced Topics in Programming Languages; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC838D *(PermReq)* **Advanced Topics in Programming Languages: Building the Human-Computer Interface; (3)** REG/AUD.
0101 **(51697)** Oard, D.
Tu 5:30pm-8:15pm (CSS 1410)

CMSC838S Advanced Topics in Programming Languages; (1-3) REG/AUD.
0101 **(10728)** Shneiderman, B.
TuTh 9:30am-10:45am (CSS 2352)

CMSC858A *(PermReq)* **Advanced Topics in Theory of Computing; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC878A *(PermReq)* **Advanced Topics in Numerical Methods; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC878O Advanced Topics in Numerical Methods; (3) REG/AUD.
0101 **(10819)** Oleary, D.
TuTh 2:00pm-3:15pm (CLB 0109)

CMSC899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number. CMSC majors only. Other majors require permission of department.

CONS Sustainable Development & Conservation Biology (Life Sciences)

CONS608 *(PermReq)* **Seminar in Sustainable Development and Conservation Biology; (1-2)** REG. For CONS majors only.
0101 **(10992)** Dietz, J.
W 12:00pm-1:00pm (ZOP 2277)

CONS609 *(PermReq)* **Special Topics in Conservation Biology; (1-3)** REG/S-F.
0101 **(11002)** Inouye, D.
Time and room to be arranged

CONS680 *(PermReq)* **Problem Solving in Conservation/ Development; (4)** REG/AUD. *Prerequisite: permission of department.* Offered fall only.
0101 **(11012)** STAFF
Tu 2:00pm-6:00pm (ZOP 2277)

CONS798 *(PermReq)* **Research Papers in Sustainable Development and Conservation Biology; (1-4)** REG/S-F.
1111 **(11022)** Inouye, D.
Time and room to be arranged
1112 **(11023)** Dietz, J.
Time and room to be arranged

COOP Cooperative Education Program (Undergraduate Studies)

COOP099 *(PermReq)* **Co-Op Work Experience; (No credit)** S-F. Obtain signature and more information at the Career Center, 3121 Hornbake Library. For special fees see the Financial Information section of the Schedule of Classes.
0101 **(11073)** Kirk, S.
Time and room to be arranged

CPSP College Park Scholars Program (Undergraduate Studies)

CPSP001 College Park Scholars Advocates for Children; (No credit) NGI.
Restricted to College Park Scholars - Advocates for Children.
0101 **(11123)** STAFF
Time and room to be arranged

CPSP002 College Park Scholars Advocates for Children; (No credit) NGI.
Restricted to College Park Scholars - Advocates for Children.
0101 **(11133)** STAFF
Time and room to be arranged

CPSP003 College Park Scholars Advocates for Children; (No credit) NGI.
Restricted to College Park Scholars - Advocates for Children.
0101 **(11143)** STAFF
Time and room to be arranged

CPSP004 College Park Scholars in American Cultures; (No credit) NGI.
Restricted to College Park Scholars - American Cultures.
0101 **(11153)** STAFF
Time and room to be arranged

CPSP005 College Park Scholars in American Cultures; (No credit) NGI.
Restricted to College Park Scholars - American Cultures.
0101 **(11163)** STAFF
Time and room to be arranged

CPSP006 College Park Scholars in American Cultures; (No credit) NGI.
Restricted to College Park Scholars - American Cultures.
0101 **(11173)** STAFF
Time and room to be arranged

CPSP007 College Park Scholars in the Arts; (No credit) NGI.
Restricted to College Park Scholars - Arts.
0101 **(11183)** STAFF
Time and room to be arranged

CPSP008 College Park Scholars in the Arts; (No credit) NGI.
Restricted to College Park Scholars - Arts.
0101 **(11193)** STAFF
Time and room to be arranged

CPSP009 College Park Scholars in the Arts; (No credit) NGI.
Restricted to College Park Scholars - Arts.
0101 **(11203)** STAFF
Time and room to be arranged

CPSP010 College Park Scholars in Environmental Studies; (No credit) NGI.
Restricted to College Park Scholars - Environmental Studies.
0101 **(11213)** STAFF
Time and room to be arranged

CPSP011 College Park Scholars in Environmental Studies; (No credit) NGI.
Restricted to College Park Scholars - Environmental Studies.
0101 **(11223)** STAFF
Time and room to be arranged

CPSP012 College Park Scholars in Environmental Studies; (No credit) NGI.
Restricted to College Park Scholars - Environmental Studies.
0101 **(11233)** STAFF
Time and room to be arranged

CPSP013 College Park Scholars in Environmental Studies; (No credit) NGI.
Restricted to College Park Scholars - Environmental Studies.
0101 **(11243)** STAFF
Time and room to be arranged

CPSP014 College Park Scholars in International Studies; (No credit) NGI.
Restricted to College Park Scholars - International Studies.
0101 **(11253)** STAFF
Time and room to be arranged

CPSP015 College Park Scholars in International Studies; (No credit) NGI.
Restricted to College Park Scholars - International Studies.
0101 **(11263)** STAFF
Time and room to be arranged

CPSP016 College Park Scholars in International Studies; (No credit) NGI.
Restricted to College Park Scholars - International Studies.
0101 **(11273)** STAFF
Time and room to be arranged

CPSP017 College Park Scholars in International Studies; (No credit) NGI.
Restricted to College Park Scholars - International Studies.
0101 **(11283)** STAFF
Time and room to be arranged

CPSP018 College Park Scholars in Life Sciences; (No credit) NGI.
Restricted to College Park Scholars - Life Sciences.
0101 **(11293)** STAFF
Time and room to be arranged

CPSP019 College Park Scholars in Life Sciences; (No credit) NGI.
Restricted to College Park Scholars - Life Sciences.
0101 **(11303)** STAFF
Time and room to be arranged

CPSP020 College Park Scholars in Life Sciences; (No credit) NGI.
Restricted to College Park Scholars - Life Sciences.
0101 **(11313)** STAFF
Time and room to be arranged

CPSP021 College Park Scholars in Life Sciences; (No credit) NGI.
Restricted to College Park Scholars - Life Sciences.
0101 **(11323)** STAFF
Time and room to be arranged

CPSP022 College Park Scholars in Life Sciences; (No credit) NGI.
Restricted to College Park Scholars - Life Sciences.
0101 **(11333)** STAFF
Time and room to be arranged

CPSP023 College Park Scholars in Life Sciences; (No credit) NGI.
Restricted to College Park Scholars - Life Sciences.
0101 **(11343)** STAFF
Time and room to be arranged

CPSP024 College Park Scholars in Life Sciences; (No credit) NGI.
Restricted to College Park Scholars - Life Sciences.
0101 **(11353)** STAFF
Time and room to be arranged

CPSP025 College Park Scholars in Life Sciences; (No credit) NGI.
Restricted to College Park Scholars - Life Sciences.
0101 **(11363)** STAFF
Time and room to be arranged

CPSP026 College Park Scholars in Life Sciences; (No credit) NGI.
Restricted to College Park Scholars - Life Sciences.
0101 **(11373)** STAFF
Time and room to be arranged

CPSP027 College Park Scholars in Life Sciences; (No credit) NGI.
Restricted to College Park Scholars - Life Sciences.
0101 **(11383)** STAFF
Time and room to be arranged

CPSP028 College Park Scholars in Public Leadership; (No credit) NGI. Restricted to College Park Scholars - Public Leadership.
0101 **(11393)** STAFF
Time and room to be arranged

CPSP029 College Park Scholars in Public Leadership; (No credit) NGI. Restricted to College Park Scholars - Public Leadership.
0101 **(11403)** STAFF
Time and room to be arranged

CPSP030 College Park Scholars in Public Leadership; (No credit) NGI. Restricted to College Park Scholars - Public Leadership.
0101 **(11413)** STAFF
Time and room to be arranged

CPSP031 College Park Scholars in Science, Technology, and Society; (No credit) NGI.
Restricted to College Park Scholars - Science, Technology, and Society.
0101 **(11423)** STAFF
Time and room to be arranged

CPSP032 College Park Scholars in Science, Technology, and Society; (No credit) NGI.
Restricted to College Park Scholars - Science, Technology, and Society.
0101 **(11433)** STAFF
Time and room to be arranged

CPSP033 College Park Scholars in Science, Technology, and Society; (No credit) NGI.
Restricted to College Park Scholars - Science, Technology, and Society.
0101 **(11443)** STAFF
Time and room to be arranged

CPSP034 College Park Scholars in Science, Technology, and Society; (No credit) NGI.
Restricted to College Park Scholars - Science, Technology, and Society.
0101 **(11453)** STAFF
Time and room to be arranged

CPSP035 College Park Scholars in Public Leadership; (No credit)
Restricted to College Park Scholars - Public Leadership.
0101 **(11454)** STAFF
Time and room to be arranged

CPSP036 College Park Scholars in Science and Discovery of Knowledge; (No credit) NGI.
Restricted to College Park Scholars- Science and Discovery of Knowledge.
0101 **(11455)** STAFF
Time and room to be arranged

CPSP037 College Park Scholars in Science and Discovery of Knowledge; (No credit) NGI.
Restricted to College Park Scholars - Science and Discovery in Knowledge.
0101 **(11456)** STAFF
Time and room to be arranged

CPSP038 College Park Scholars in American Cultures; (No credit)
Restricted to College Park Scholars - American Cultures.
0101 **(11457)** STAFF
Time and room to be arranged

CPSP118A College Park Scholars Colloquium I: Artists; (1) REG/P-F/AUD.
Restricted to College Park Scholars - Arts.
0101 **(11463)** Walters, E.
M 6:00pm-7:00pm (CEN 0109)
0102 **(11464)** Walters, E.
M 6:00pm-7:00pm (CEN 0109)
0103 **(11465)** Walters, E.
M 6:00pm-7:00pm (CEN 0109)

CPSP118C College Park Scholars Colloquium I: Advocates for Children; (1) REG/P-F/AUD.
Restricted to College Park Scholars - Advocates for Children.
0101 **(11475)** Gardner, A.
W 3:15pm-4:45pm (JMP 3201)
0102 **(11476)** Gardner, A.
W 3:15pm-4:45pm (JMP 3201)
0103 **(11477)** Gardner, A.
W 3:15pm-4:45pm (JMP 3201)

CPSP118D College Park Scholars Colloquium I: Science, Discovery, and Universe; (1) REG/P-F/AUD.
Restricted to College Park Scholars - Science, Discovery, and Universe.
0101 **(11478)** McFadden, L.
M 5:00pm-6:30pm (PLS 1119)
0102 **(11479)** McFadden, L.
M 5:00pm-6:30pm (PLS 1119)

CPSP118L College Park Scholars Colloquium I: Life Sciences; (1) REG/P-F/AUD.
Restricted to College Park Scholars - Life Sciences.
0101 **(11500)** Hellman, J.
W 3:30pm-5:00pm (PLS 1140)
0102 **(11501)** Hellman, J.
W 3:30pm-5:00pm (PLS 1140)
0103 **(11502)** Hellman, J.
W 3:30pm-5:00pm (PLS 1140)
0104 **(11503)** Hellman, J.
W 3:30pm-5:00pm (PLS 1140)
0105 **(11504)** Hellman, J.
W 3:30pm-5:00pm (PLS 1140)

CPSP118R College Park Scholars Colloquium I: American Cultures; (1) REG/P-F/AUD.
Restricted to College Park Scholars - American Cultures.
0101 **(11514)** Muncy, R.
Th 4:00pm-5:30pm (JMZ 0220)
0102 **(11515)** Muncy, R.
Th 4:00pm-5:30pm (JMZ 0220)
0103 **(11516)** Muncy, R.
Th 4:00pm-5:30pm (JMZ 0220)
0104 **(11517)** Paoletti, J.
Th 4:00pm-5:30pm (JMZ 0220)

CPSP118T College Park Scholars Colloquium I: Science, Technology, and Society; (1) REG/P-F/AUD.
Restricted to College Park Scholars - Science, Technology, and Society. CPS staff are H. Shulman and C. Striffler.
0101 **(11526)** Shulman, H.
Tu 7:00pm-8:30pm (JMP 3201)
0102 **(11527)** Shulman, H.
Tu 7:00pm-8:30pm (JMP 3201)
0103 **(11528)** Shulman, H.
Tu 7:00pm-8:30pm (JMP 3201)
0104 **(11529)** Shulman, H.
Tu 7:00pm-8:30pm (JMP 3201)

CPSP123 Issues in Environmental Studies; (3) REG. CORE: SB
Prerequisite: admission to College Park Scholars Environmental Studies Program.
Restricted to College Park Scholars - Environmental Studies.
0101 **(11539)** McLellan, E.
MW 3:00pm-4:00pm (JMZ 0220)
M 4:00pm-5:00pm (JMZ 0122) Dis
0102 **(11540)** McLellan, E.
MW 3:00pm-4:00pm (JMZ 0220)
M 4:00pm-5:00pm (JMZ 0125) Dis
0103 **(11541)** McLellan, E.
MW 3:00pm-4:00pm (JMZ 0220)
W 4:00pm-5:00pm (JMZ 0122) Dis
0104 **(11542)** McLellan, E.
MW 3:00pm-4:00pm (JMZ 0220)
W 4:00pm-5:00pm (JMZ 0125) Dis

CPSP124 Issues in International Studies; (3) REG. CORE: SB
Prerequisite: admission to College Park Scholars International Studies Program.
Restricted to College Park Scholars - International Studies.
0101 **(11552)** Vietri, L.
Tu 3:30pm-4:45pm (JMZ 0220)
Th 3:30pm-4:45pm (PLS 1164) Dis
0102 **(11553)** Vietri, L.
Tu 3:30pm-4:45pm (JMZ 0220)
Th 3:30pm-4:45pm (PLS 1176) Dis
0103 **(11554)** Vietri, L.
Tu 3:30pm-4:45pm (JMZ 0220)
Th 2:00pm-3:15pm (PLS 1164) Dis
0104 **(11555)** Vietri, L.
Tu 3:30pm-4:45pm (JMZ 0220)
Th 2:00pm-3:15pm (PLS 1176) Dis

CPSP126 Issues in Public Leadership; (3) REG. CORE: SB
Prerequisite: admission to College Park Scholars Public Leadership Program.
Restricted to College Park Scholars - Public Leadership.
0101 **(11565)** Lucas, N.
M 2:00pm-3:50pm (CEN 0109)
W 2:00pm-2:50pm (CEN 0109)
0102 **(11566)** Lucas, N.
M 2:00pm-3:50pm (CEN 0109)
W 2:00pm-2:50pm (CEN 0109)
0103 **(11567)** Lucas, N.
M 2:00pm-3:50pm (CEN 0109)
W 2:00pm-2:50pm (CEN 0109)
0104 **(11568)** Lucas, N.
M 2:00pm-3:50pm (CEN 0109)
W 2:00pm-2:50pm (CEN 0109)

CPSP218A College Park Scholars Colloquium II: Arts; (1) REG/P-F/AUD.
Restricted to College Park Scholars - Arts.
0101 **(11577)** Walters, E.
Tu 5:00pm-6:00pm (CEN 0109)
0201 **(11578)** Walters, E.
Time and room to be arranged

CPSP218C College Park Scholars Colloquium II: Advocates for Children; (1) REG/P-F/AUD.
Restricted to College Park Scholars - Advocates for Children.
0101 **(11588)** Blank, A.
W 3:15pm-4:45pm (JMP 3201)

CPSP218E College Park Scholars Colloquium II: Environmental Studies; (1) REG/P-F/AUD.
Restricted to College Park Scholars - Environmental Studies.
0101 **(11598)** McLellan, E.
MW 5:00pm-6:30pm (CBD 1140)

CPSP218L College Park Scholars Colloquium II: Life Sciences; (1) REG/P-F/AUD.
Restricted to College Park Scholars - Life Sciences.
0101 **(11608)** Hellman, J.
TuTh 4:00pm-5:30pm (CBD 1140)
0102 **(11609)** Hellman, J.
TuTh 4:00pm-5:30pm (CBD 1140)
0103 **(11610)** Hellman, J.
TuTh 4:00pm-5:30pm (CBD 1140)
0104 **(11611)** Hellman, J.
TuTh 4:00pm-5:30pm (CBD 1140)
0105 **(11612)** Hellman, J.
TuTh 4:00pm-5:30pm (CBD 1140)

CPSP218M College Park Scholars Colloquium II: International Studies; (1) REG/P-F/AUD.
Restricted to College Park Scholars - International Studies.
0101 **(11622)** Vietri, L.
M 3:00pm-4:30pm (CBD 1140)

CPSP218P College Park Scholars Colloquium II: Public Policy; (1) REG/P-F/AUD.
Restricted to College Park Scholars - Public Leadership.
0101 **(11632)** Lucas, N.
M 1:00pm-2:30pm (TYD 1132)

CPSP218Q College Park Scholars Colloquium II: Public Leadership Sophomore Project; (1) REG.
Restricted to College Park Scholars - Public Leadership.
0101 **(11642)** Lucas, N.
Time and room to be arranged
0401 **(11643)** Lucas, N.
Time and room to be arranged

CPSP218R College Park Scholars Colloquium II: American Cultures; (1) REG.
Restricted to College Park Scholars - American Cultures.
0101 **(11653)** Paoletti, J.
Tu 4:00pm-5:30pm (PLS 1130)

CPSP218T College Park Scholars Colloquium II: Science, Technology, and Society; (1-2) REG/P-F/AUD.
Restricted to College Park Scholars - Science, Technology, and Society.
0101 **(11663)** Striffler, C.
W 7:00pm-8:30pm (JMP 3201)
0301 **(11664)** Striffler, C.
W 7:00pm-8:30pm (JMP 3201)
0401 **(11665)** Striffler, C.
W 7:00pm-8:30pm (JMP 3201)
0501 **(11666)** Shulman, H.
W 7:00pm-8:30pm (JMP 3201)

CPSP227 College Park Scholars Capstone: Science, Technology, and Society; (3) REG/P-F/AUD.
Restricted to College Park Scholars - Science, Technology, and Society.
0101 **(11676)** Geschwind, C.
TuTh 5:00pm-6:15pm (JMP 2229)

CPSP259C College Park Scholars Practicum: Advocates for Children; (1-3) REG/S-F.
Restricted to College Park Scholars - Advocates for Children. Prior approval of the Director, CPS-AC required.
0101 **(11686)** Gardner, A.
Time and room to be arranged
0201 **(11687)** Gardner, A.
Time and room to be arranged
0301 **(11688)** Gardner, A.
Time and room to be arranged
0401 **(11689)** Gardner, A.
Time and room to be arranged

CPSP259L College Park Scholars Practicum: Life Sciences; (1-3) REG/S-F. Restricted to College Park Scholars - Life Sciences. Prior approval of the Director, CPS-LS, required.
0301 **(11713)** Hellman, J.
Time and room to be arranged

DANC Dance
(Arts and Humanities)

DANC100 Modern Dance I for Non-Majors; (2) REG/P-F/AUD.
0101 **(11762)** Wright, C.
MW 12:30pm-1:45pm (DNC 1136) Lab
0102 **(11763)** Jackson, P.
MW 2:00pm-3:15pm (PKT 2102) Lab
0103 **(11764)** Mayes, A.
TuTh 3:30pm-4:45pm (DNC 1136) Lab
0104 **(11765)** Warren, A.
TuTh 12:30pm-1:45pm (DNC 1105) Lab

DANC102 Rhythmic Training for Dance; (2) REG/P-F/AUD. Course is offered in the fall semester only.
0101 **(11775)** Johnson, I.
TuTh 2:00pm-3:15pm (DNC 1136) Lab

DANC109 Improvisation I; (2) REG/P-F/AUD.
0101 **(11785)** Wright, C.
TuTh 11:00am-12:15pm (DNC 1105) Lab

DANC124 Ballet I for Non-Majors; (2) REG/P-F/AUD.
0101 **(11795)** Druker, S.
MW 9:30am-10:45am (PKT 2102) Lab
0102 **(11796)** Druker, S.
MW 11:00am-12:15pm (PKT 2102) Lab
0103 **(11797)** Druker, S.
MW 12:30pm-1:45pm (PKT 2102) Lab

DANC138 Introduction to Ethnic Dance: Introduction to Ethnic Dance: West African; (2) REG/P-F/AUD. DIVERSITY
0101 **(11807)** Jackson, V.
TuTh 9:30am-10:45am (PKT 2102) Lab

DANC154 Jazz I for Non-Majors; (2) REG/P-F/AUD.
0101 **(11817)** Mayes, A.
MW 3:30pm-4:45pm (PKT 2102) Lab
0102 **(11818)** Mayes, A.
TuTh 2:00pm-3:15pm (PKT 2102) Lab

DANC199A Practicum in Choreography, Production and Performance I: Beginning Tap Dance; (2) REG/P-F/AUD.
0101 **(11835)** Slater, M.
TuTh 12:30pm-1:45pm (PKT 2102) Lab

DANC199B Practicum in Choreography, Production and Performance I: Beginning Ballroom Dance; (2) REG/P-F/AUD.
0101 **(11845)** Taylor, J.
TuTh 9:30am-10:45am (DNC 1105) Lab

DANC200 Introduction to Dance; (3) REG/P-F/AUD. CORE: HA DIVERSITY Lecture/discussion only - no studio activity.
0101 **(11855)** Fleitell, S.
MWF 10:00am-10:50am (DNC 1143)
0201 **(11856)** Fleitell, S.
MWF 11:00am-11:50am (DNC 1143)
0301 **(11857)** Gaskill, B.
TuTh 11:00am-12:15pm (DNC 1143)
0401 **(11858)** Rosen, M.
TuTh 12:30pm-1:45pm (DNC 1143)
0501 **(11859)** Wenning, L.
TuTh 2:00pm-3:15pm (DNC 1143)
0601 **(11860)** DeVivo, K.
TuTh 3:30pm-4:45pm (DNC 1143)

DANC200+ Introduction to Dance; (3) REG/P-F/AUD. CORE: HA DIVERSITY Restricted to College Park Scholars - Artists.
0401 **(11870)** Rosen, M.
TuTh 12:30pm-1:45pm (DNC 1143)

DANC208 Choreography I; (3) REG/P-F/AUD. Prerequisites: DANC 102 and DANC 109.
0101 **(11880)** Mayes, A.
MWF 2:00pm-3:20pm (DNC 1136) Lab

DANC210 Dance Production; (3) REG/P-F/AUD.
0101 **(11890)** Jackson, P.
MWF 3:30pm-4:50pm (DNC 1105)

DANC228 Ballet I; (2) REG/P-F/AUD. Prerequisite: DANC 127 or audition.
0101 **(11900)** Druker, S.
TuTh 9:30am-10:45am (DNC 1136) Lab

DANC229 Ballet II; (2) REG/P-F/AUD. Prerequisite: DANC 228 or audition.
0101 **(11910)** Druker, S.
TuTh 12:30pm-1:45pm (DNC 1136) Lab

DANC248 *(PermReq)* **Modern Dance I; (3)** REG/P-F/AUD.
0101 **(11920)** Wiltz, A.
MWF 11:00am-12:20pm (DNC 1136) Lab

DANC249 Modern Dance II; (3) REG/P-F/AUD.
0101 **(11930)** Wiltz, A.
MWF 11:00am-12:20pm (DNC 1136) Lab

DANC258 Jazz I; (2) REG/P-F/AUD. Prerequisites: (DANC 154 or DANC 158) and (DANC 104 or DANC 149). Majors have priority: non-majors admitted on a space available basis.
0101 **(11940)** Jackson, V.
TuTh 11:00am-12:15pm (PKT 2102) Lab

DANC305 Principles of Teaching Dance; (3) REG/P-F/AUD.
Prerequisites: DANC 102, DANC 208, and DANC 248.
0101 **(11957)** Warren, A.
TuTh 2:00pm-3:15pm (DNC 1105)

DANC328 Ballet III; (2) REG/P-F/AUD.
0101 **(11967)** Druker, S.
TuTh 11:00am-12:15pm (DNC 1136) Lab

DANC329 Ballet IV; (2) REG/P-F/AUD.
0101 **(11977)** Druker, S.
TuTh 11:00am-12:15pm (DNC 1136) Lab

DANC348 Modern Dance III; (3) REG/P-F/AUD. Prerequisite: DANC 249 or audition.
0101 **(11987)** Warren, A.
MWF 12:30pm-1:50pm (DNC 1105) Lab

DANC349 Modern Dance IV; (3) REG/P-F/AUD.
0101 **(11997)** Warren, A.
MWF 12:30pm-1:50pm (DNC 1105)

DANC388 Choreography III; (3) REG/P-F/AUD. Course is offered in the fall semester only.
0101 **(12018)** Rosen, M.
TuTh 3:30pm-4:45pm (DNC 1105) Lab

DANC410 Technical Theater Production for Dance; (3) REG/P-F/AUD. *Prerequisite: DANC 210 or equivalent (or permission of department).*
0101 **(12042)** Jackson, P.
TBA (DNC 1105)

DANC448 Modern Dance V; (3) REG/P-F/AUD.
0101 **(12052)** Wright, C.
MWF 2:00pm-3:20pm (DNC 1105) Lab

DANC449 Modern Dance VI; (3) REG/P-F/AUD.
0101 **(12062)** Wright, C.
MWF 2:00pm-3:20pm (DNC 1105) Lab

EALL East Asian Languages and Literatures
(Arts and Humanities)

EALL300 The Languages of East Asia; (3) REG/P-F/AUD. DIVERSITY
0101 **(12128)** Ramsey, S.
MW 1:00pm-2:15pm (JMZ 0105)

ECON Economics
(Behavioral and Social Sciences)

ECON201 Principles of Economics I; (3) REG/P-F/AUD. CORE: SB *Prerequisite: MATH 110 or placement in MATH 115 or above. Credit will be granted for only one of the following: ECON 201 or ECON 205.*
0101 **(12178)** Brechling, F.
TuTh 2:00pm-3:15pm (TYD 0130)
M 9:00am-9:50am (TYD 0101) Dis
0102 **(12179)** Brechling, F.
TuTh 2:00pm-3:15pm (TYD 0130)
W 9:00am-9:50am (TYD 0101) Dis
0103 **(12180)** Brechling, F.
TuTh 2:00pm-3:15pm (TYD 0130)
M 12:00pm-12:50pm (TYD 0117) Dis
0104 **(12181)** Brechling, F.
TuTh 2:00pm-3:15pm (TYD 0130)
W 12:00pm-12:50pm (TYD 0117) Dis
0105 **(12182)** Brechling, F.
TuTh 2:00pm-3:15pm (TYD 0130)
M 10:00am-10:50am (TYD 0101) Dis
0106 **(12183)** Brechling, F.
TuTh 2:00pm-3:15pm (TYD 0130)
M 2:00pm-2:50pm (TYD 0111) Dis
0107 **(12184)** Brechling, F.
TuTh 2:00pm-3:15pm (TYD 0130)
F 12:00pm-12:50pm (TYD 0111) Dis
0108 **(12185)** Brechling, F.
TuTh 2:00pm-3:15pm (TYD 0130)
W 10:00am-10:50am (TYD 0101) Dis
0109 **(12186)** Brechling, F.
TuTh 2:00pm-3:15pm (TYD 0130)
F 10:00am-10:50am (TYD 0101) Dis
0110 **(12187)** Brechling, F.
TuTh 2:00pm-3:15pm (TYD 0130)
W 11:00am-11:50am (TYD 1132) Dis
0111 **(12188)** Brechling, F.
TuTh 2:00pm-3:15pm (TYD 0130)
M 1:00pm-1:50pm (TYD 2110) Dis
0112 **(12189)** Brechling, F.
TuTh 2:00pm-3:15pm (TYD 0130)
M 11:00am-11:50am (TYD 2110) Dis
0113 **(12190)** Brechling, F.
TuTh 2:00pm-3:15pm (TYD 0130)
F 9:00am-9:50am (TYD 0101) Dis
0114 **(12191)** Brechling, F.
TuTh 2:00pm-3:15pm (TYD 0130)
F 11:00am-11:50am (TYD 1128) Dis
0115 **(12192)** Brechling, F.
TuTh 2:00pm-3:15pm (TYD 0130)
W 1:00pm-1:50pm (TYD 1101) Dis
2101 **(12193)** Dorsey, J.
MWF 9:00am-9:50am (TYD 0130)
W 8:00am-8:50am (TYD 0101) Dis
2102 **(12194)** Dorsey, J.
MWF 9:00am-9:50am (TYD 0130)
M 1:00pm-1:50pm (TYD 2106) Dis
2103 **(12195)** Dorsey, J.
MWF 9:00am-9:50am (TYD 0130)
W 10:00am-10:50am (TYD 1128) Dis
2104 **(12196)** Dorsey, J.
MWF 9:00am-9:50am (TYD 0130)
F 10:00am-10:50am (TYD 2109) Dis
2105 **(12197)** Dorsey, J.
MWF 9:00am-9:50am (TYD 0130)
M 8:00am-8:50am (TYD 0101) Dis
2106 **(12198)** Dorsey, J.
MWF 9:00am-9:50am (TYD 0130)
W 1:00pm-1:50pm (TYD 1114) Dis
2107 **(12199)** Dorsey, J.
MWF 9:00am-9:50am (TYD 0130)
F 11:00am-11:50am (TYD 0102) Dis
2108 **(12200)** Dorsey, J.
MWF 9:00am-9:50am (TYD 0130)
F 8:00am-8:50am (TYD 0102) Dis
2109 **(12201)** Dorsey, J.
MWF 9:00am-9:50am (TYD 0130)
F 12:00pm-12:50pm (TYD 1101) Dis
2110 **(12202)** Dorsey, J.
MWF 9:00am-9:50am (TYD 0130)
W 12:00pm-12:50pm (TYD 2110) Dis
2111 **(12203)** Dorsey, J.
MWF 9:00am-9:50am (TYD 0130)
F 11:00am-11:50am (TYD 2109) Dis
2112 **(12204)** Dorsey, J.
MWF 9:00am-9:50am (TYD 0130)
W 1:00pm-1:50pm (TYD 2110) Dis
2201 **(12205)** Brechling, F.
TuTh 9:30am-10:45am (TYD 0130)
M 9:00am-9:50am (TYD 0102) Dis
2202 **(12206)** Brechling, F.
TuTh 9:30am-10:45am (TYD 0130)
W 9:00am-9:50am (TYD 0102) Dis
2203 **(12207)** Brechling, F.
TuTh 9:30am-10:45am (TYD 0130)
M 10:00am-10:50am (TYD 0102) Dis
2204 **(12208)** Brechling, F.
TuTh 9:30am-10:45am (TYD 0130)
F 12:00pm-12:50pm (TYD 2109) Dis
2205 **(12209)** Brechling, F.
TuTh 9:30am-10:45am (TYD 0130)
M 1:00pm-1:50pm (TYD 1101) Dis
2206 **(12210)** Brechling, F.
TuTh 9:30am-10:45am (TYD 0130)
F 1:00pm-1:50pm (TYD 1101) Dis
2207 **(12211)** Brechling, F.
TuTh 9:30am-10:45am (TYD 0130)
M 11:00am-11:50am (TYD 1132) Dis
2208 **(12212)** Brechling, F.
TuTh 9:30am-10:45am (TYD 0130)
F 10:00am-10:50am (TYD 1128) Dis
2209 **(12213)** Brechling, F.
TuTh 9:30am-10:45am (TYD 0130)
W 10:00am-10:50am (TYD 0102) Dis
2210 **(12214)** Brechling, F.
TuTh 9:30am-10:45am (TYD 0130)
W 11:00am-11:50am (TYD 2110) Dis
2211 **(12215)** Brechling, F.
TuTh 9:30am-10:45am (TYD 0130)
F 9:00am-9:50am (TYD 1128) Dis
2212 **(12216)** Brechling, F.
TuTh 9:30am-10:45am (TYD 0130)
F 11:00am-11:50am (TYD 1132) Dis
2213 **(12217)** Brechling, F.
TuTh 9:30am-10:45am (TYD 0130)
M 12:00pm-12:50pm (TYD 2110) Dis
2214 **(12218)** Brechling, F.
TuTh 9:30am-10:45am (TYD 0130)
W 12:00pm-12:50pm (TYD 1101) Dis
2215 **(12219)** Brechling, F.
TuTh 9:30am-10:45am (TYD 0130)
W 1:00pm-1:50pm (TYD 0102) Dis

ECON201H Principles of Economics I; (3) REG/P-F/AUD. CORE: SB *Prerequisite: MATH 110 or placement in MATH 115 or above. Credit will be granted for only one of the following: ECON 201 or ECON 205.* For general honors students only.
0101 **(12229)** Dorsey, J.
MWF 2:00pm-2:50pm (TYD 2110)

ECON203 Principles of Economics II; (3) REG/P-F/AUD. CORE: SB *Prerequisite: MATH 110 or placement in MATH 115 or above. Recommended: ECON 201.*
1301 **(12256)** STAFF
TuTh 8:00am-9:15am (TYD 1114)
1401 **(12239)** STAFF
MWF 10:00am-10:50am (TYD 1114)
1501 **(12257)** STAFF
TuTh 12:30pm-1:45pm (MTH 0307)
1601 **(12240)** STAFF
MWF 2:00pm-2:50pm (TYD 0101)
2101 **(12241)** Weinstein, P.
TuTh 11:00am-12:15pm (TYD 0130)
M 11:00am-11:50am (SKN 1115) Dis
2102 **(12242)** Weinstein, P.
TuTh 11:00am-12:15pm (TYD 0130)
M 12:00pm-12:50pm (TYD 1101) Dis
2103 **(12243)** Weinstein, P.
TuTh 11:00am-12:15pm (TYD 0130)
F 9:00am-9:50am (TYD 1102) Dis
2104 **(12244)** Weinstein, P.
TuTh 11:00am-12:15pm (TYD 0130)
F 11:00am-11:50am (TYD 2106) Dis
2105 **(12245)** Weinstein, P.
TuTh 11:00am-12:15pm (TYD 0130)
M 1:00pm-1:50pm (TYD 1114) Dis
2106 **(12246)** Weinstein, P.
TuTh 11:00am-12:15pm (TYD 0130)
F 1:00pm-1:50pm (TYD 1114) Dis
2107 **(12247)** Weinstein, P.
TuTh 11:00am-12:15pm (TYD 0130)
W 10:00am-10:50am (JRN 1105) Dis
2108 **(12248)** Weinstein, P.
TuTh 11:00am-12:15pm (TYD 0130)
F 12:00pm-12:50pm (TYD 2106) Dis
2109 **(12249)** Weinstein, P.
TuTh 11:00am-12:15pm (TYD 0130)
W 11:00am-11:50am (LEF 1220) Dis
2110 **(12250)** Weinstein, P.
TuTh 11:00am-12:15pm (TYD 0130)
F 10:00am-10:50am (TYD 0111) Dis
2111 **(12251)** Weinstein, P.
TuTh 11:00am-12:15pm (TYD 0130)
M 9:00am-9:50am (TYD 1128) Dis
2112 **(12252)** Weinstein, P.
TuTh 11:00am-12:15pm (TYD 0130)
W 1:00pm-1:50pm (TYD 1128) Dis
2113 **(12253)** Weinstein, P.
TuTh 11:00am-12:15pm (TYD 0130)
W 9:00am-9:50am (TYD 0111) Dis
2114 **(12254)** Weinstein, P.
TuTh 11:00am-12:15pm (TYD 0130)
M 10:00am-10:50am (TYD 1108) Dis
2115 **(12255)** Weinstein, P.
TuTh 11:00am-12:15pm (TYD 0130)
W 12:00pm-12:50pm (TYD 1132) Dis

ECON203H Principles of Economics II; (3) REG/P-F/AUD. CORE: SB *Prerequisite: MATH 110 or placement in MATH 115 or above. Recommended: ECON 201.* For general honors students only.
0101 **(12265)** Weinstein, P.
TuTh 2:00pm-3:15pm (TYD 0101)

ECON305 Intermediate Macroeconomic Theory and Policy; (3) REG/P-F/AUD. *Prerequisites: ECON 201; and ECON 203; and MATH 220. Credit will be granted for only one of the following: ECON 305 or ECON 405. Formerly ECON 401.*
0101 **(12275)** STAFF
MW 11:00am-12:15pm (MMH 0108)
0301 **(12278)** Sakellaris, P.
MW 11:00am-12:15pm (TYD 1102)
0501 **(12277)** Binder, M.
TuTh 2:00pm-3:15pm (SHM 2101)

ECON306 Intermediate Microeconomic Theory; (3) REG/P-F/AUD. *Prerequisites: ECON 201; and ECON 203; and MATH 220. Formerly ECON 403.*
0101 **(12290)** STAFF
TuTh 2:00pm-3:15pm (PLS 1130)
0201 **(12291)** STAFF
MWF 9:00am-9:50am (TYD 1132)
0301 **(12287)** Coughlin, P.
MWF 11:00am-11:50am (TYD 0117)
0401 **(12288)** Coughlin, P.
MWF 2:00pm-2:50pm (KEY 0102)
0501 **(12292)** STAFF
TuTh 9:30am-10:45am (ZOP 1232)
0701 **(12289)** Hulten, C.
TuTh 11:00am-12:15pm (TYD 0101)

ECON306H Intermediate Microeconomic Theory; (3) REG/P-F/AUD. *Prerequisites: ECON 201; and ECON 203; and MATH 220. Formerly ECON 403.* For general honors students only.
0101 **(12299)** Hulten, C.
TuTh 2:00pm-3:15pm (TYD 2102)

ECON315 Economic Development of Underdeveloped Areas; (3) REG/P-F/AUD. *Prerequisites: {ECON 201; and ECON 203} or ECON 205. Credit will be granted for only one of the following: ECON 315 or ECON 416. Formerly ECON 415.*
0201 **(12309)** Swamy, A.
TuTh 2:00pm-3:15pm (TYD 2106)
0301 **(12310)** STAFF
TuTh 9:30am-10:45am (TYD 0117)
0401 **(12311)** Betancourt, R.
TuTh 2:00pm-3:15pm (TYD 1102)

ECON321 Economic Statistics; (3) REG/P-F/AUD. *Prerequisite: MATH 220 or equivalent. Not open to students who have completed BMGT 230 or BMGT 231. Formerly ECON 421.*
0101 **(12321)** Chao, J.
TuTh 9:30am-10:45am (TYD 1114)

ECON375 Economics of Poverty and Discrimination; (3) REG/P-F/AUD. DIVERSITY *Prerequisites: {ECON 201; and ECON 203} or ECON 205.*
0101 **(12322)** STAFF
MW 11:00am-12:15pm (TYD 1108)

ECON381 Environmental Economics; (3) REG/P-F/AUD. *Prerequisite: ECON 203 or ECON 205 or permission of department.*
0101 **(12331)** STAFF
MW 2:00pm-3:15pm (TYD 1102)

ECON386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*
0101 **(12341)** Wallis, J.
Time and room to be arranged

ECON396 Independent Honors Study; (3) REG/P-F/AUD. *Prerequisite: candidacy for honors in economics or by permission of instructor.*
0101 **(12351)** Wallis, J.
W 3:30pm-6:00pm (TYD 2111)

ECON397 Honors Thesis; (3) REG/P-F/AUD. *Prerequisites: ECON 396 and candidacy for honors in economics.*
0101 **(12361)** Wallis, J.
Time and room to be arranged

ECON399 *(PermReq)* **Individual Reading and Research For Undergraduates; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor must be arranged in advance. Open only to students who have previously earned 6 or more credits in upper division economics courses.

ECON402 Macroeconomic Models and Forecasting; (3) REG/P-F/AUD. *Prerequisite: ECON 305 or ECON 405.*
0201 **(12422)** Almon, C.
MWF 10:00am-10:50am (TYD 2111)

ECON414 Game Theory; (3) REG/P-F/AUD. *Prerequisites: ECON 306 and (MATH 220 or MATH 140). Credit will be granted for only one of the following: ECON 414 or ECON 417. Formerly ECON 417.*
0101 **(12453)** Cramton, P.
TuTh 11:00am-12:15pm (TYD 1102)

ECON422 Quantitative Methods in Economics I; (3) REG/P-F/AUD. *Prerequisite: ECON 201; and ECON 203; and {ECON 321 or BMGT 230;} or permission of department.*
0201 **(12463)** Evans, W.
TuTh 2:00pm-3:15pm (TYD 0111)

ECON425 Mathematical Economics; (3) REG/P-F/AUD. *Prerequisites: ECON 305 or ECON 405, and ECON 306 or ECON 406, and MATH 220 or equivalent.*
0101 **(12483)** STAFF
MWF 10:00am-10:50am (TYD 1132)

ECON430 Money and Banking; (3) REG/P-F/AUD. *Prerequisites: ECON 201 and ECON 203. Credit will be granted for only one of the following: ECON 430 or ECON 431.*
0201 **(12493)** Dorsey, J.
MWF 11:00am-11:50am (SKN 0200)

ECON440 International Economics; (3) REG/P-F/AUD. *Prerequisites: ECON 201 and ECON 203. Credit will be granted for only one of the following: ECON 440 or ECON 441.*
0101 **(12506)** STAFF
MWF 9:00am-9:50am (TYD 1114)
0201 **(12503)** Murrell, P.
TuTh 2:00pm-3:15pm (TYD 0117)
0301 **(12504)** Clague, C.
TuTh 11:00am-12:15pm (TYD 0102)
0401 **(12505)** Clague, C.
TuTh 2:00pm-3:15pm (TYD 1132)
0501 **(12507)** STAFF
MWF 12:00pm-12:50pm (WDS 1114)
0601 **(12508)** STAFF
MWF 10:00am-10:50am (LEF 2208)

ECON441 Theory of International Economics; (3) REG/P-F/AUD. *Prerequisite: ECON 305 or ECON 405; and ECON 306 or ECON 406. Credit will be granted for only one of the following: ECON 440 or ECON 441.*
0101 **(12515)** Panagariya, A.
TuTh 12:30pm-1:45pm (TYD 0111)

ECON454 Theory of Public Finance and Fiscal Federalism; (3) REG/AUD. *Prerequisite: ECON 306 or ECON 406. Credit will be granted for only one of the following: ECON 450 or ECON 454.*
0101 **(12535)** Hoff, K.
TuTh 11:00am-12:15pm (TYD 2110)
0201 **(12536)** Hoff, K.
TuTh 12:30pm-1:45pm (TYD 1132)

ECON456 Law and Economics; (3) REG/P-F/AUD. *Prerequisite: ECON 306.*
0201 **(12545)** Weinstein, P.
TuTh 8:00am-9:15am (TYD 2108)

ECON600 *(PermReq)* **Analytical Techniques for Economists; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(12555)** Murrell, P.
TuTh 9:30am-10:45am (TYD 2110)
M 3:00pm-5:00pm (TYD 2110) Dis
0201 **(12556)** Binder, M.
TuTh 12:30pm-1:45pm (TYD 0101)
Th 3:30pm-5:30pm (TYD 1102) Dis

ECON601 Macroeconomic Analysis I; (3) REG/AUD. *Prerequisite: ECON 600 or permission of department.*
0101 **(12566)** Haltiwanger, J.
MW 9:30am-10:45am (TYD 2106)
M 5:00pm-7:00pm (TYD 1114) Dis
0201 **(12567)** Shea, J.
MW 11:00am-12:15pm (TYD 0102)
F 2:00pm-3:15pm (TYD 1114) Dis

ECON603 Microeconomic Analysis I; (3) REG/AUD. *Prerequisite: ECON 600 or permission of department.*
0101 **(12577)** Schwab, R.
TuTh 2:00pm-3:15pm (TYD 2111)
W 5:15pm-6:45pm (TYD 0101) Dis
0201 **(12578)** Ausubel, L.
TuTh 11:00am-12:15pm (TYD 1114)
F 12:30pm-1:45pm (TYD 2111) Dis

ECON615 Economic Development of Less-Developed Areas; (3) REG/AUD. *Prerequisite: ECON 603 or permission of department.*
0101 **(12588)** Swamy, A.
TuTh 11:00am-12:15pm (TYD 0111)

ECON622 Quantitative Methods II; (3) REG/AUD. *Prerequisite: ECON 621 or permission of department.*
0101 **(12598)** Kelejian, H.
TuTh 5:00pm-6:15pm (TYD 2110)
Tu 3:30pm-5:00pm (TYD 2110) Dis

ECON624 Econometrics II; (3) REG/AUD. *Prerequisite: ECON 623 or permission of department.*
0101 **(12608)** Prucha, I.
TuTh 12:30pm-1:45pm (TYD 2106)
M 4:30pm-7:00pm (TYD 0101) Dis

ECON625 Quantitative Methods in Practice; (3) REG/AUD. *Prerequisite: ECON 621 or equivalent.*
0101 **(12618)** Almon, C.
MW 12:30pm-1:45pm (TYD 2108)

ECON661 The Corporate Firm; (3) REG/AUD. *Prerequisites: ECON 603 and ECON 604.*
0101 **(12628)** STAFF
M 5:00pm-8:00pm (TYD 2102)

ECON698 *(PermReq)* **Selected Topics in Economics; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ECON698E Selected Topics in Economics; (3) REG/AUD.
0101 **(12677)** Kelejian, H.
M 3:30pm-6:00pm (TYD 1108)

ECON701 Advanced Macroeconomics I; (3) REG/AUD. *Prerequisite: ECON 601; and ECON 602.*
0101 **(12687)** Shea, J.
MW 2:00pm-3:15pm (LEF 2208)

ECON703 Advanced Microeconomics I; (3) REG/AUD. *Prerequisites: ECON 603 and ECON 604.*
0101 **(12697)** Cramton, P.
TuTh 9:30am-10:45am (TYD 2109)

ECON708 Advanced Topics in Applied and Theoretical Microeconomics; (3) REG/AUD.
0101 **(12707)** Evans, W.
MW 12:30pm-1:45pm (TYD 0101)
0201 **(12708)** Hellerstein, J.
MW 12:30pm-1:45pm (TYD 0111)

ECON709 Advanced Topics in Applied and Theoretical Macroeconomics; (3) REG/AUD.
0101 **(12718)** Shea, J.
MW 12:30pm-1:45pm (TYD 1108)

ECON722 Econometrics IV; (3) REG/AUD. *Prerequisite: ECON 721 or permission of instructor.*
0101 **(12728)** Kelejian, H.
TuTh 12:30pm-1:45pm (TYD 0102)
Th 3:30pm-5:00pm (TYD 0117) Dis

ECON742 Advanced International Economics II; (3) REG/AUD. *Prerequisite: ECON 603 or permission of department.*
0101 **(12738)** Panagariya, A.
TuTh 2:00pm-3:15pm (TYD 1114)

ECON751 Advanced Theory of Public Finance; (3) REG/AUD. *Prerequisites: ECON 603 and ECON 604.*
0101 **(12748)** Schwab, R.
MW 9:30am-10:45am (LEF 1222)

ECON781 Environmental Economics; (3) REG/AUD. *Prerequisites: ECON 603 and ECON 604; and (ECON 621 or ECON 624).*
0101 **(12758)** Cropper, M.
MW 11:00am-12:15pm (TYD 1128)

ECON799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ECON808 Workshop on Macroeconomics and Growth: Workshop in Applied Economics; (3) S-F/AUD.
0101 **(12808)** Haltiwanger, J.
W 3:30pm-6:00pm (TYD 1108)

ECON848 *(PermReq)* **Workshop in International Development, and Comparative Economics; (3)** S-F/AUD.
0101 **(12818)** Calvo, G.
M 3:30pm-6:00pm (TYD 2111)

ECON868 *(PermReq)* **Workshop in Industrial Organization; (3)** S-F/AUD.
0101 **(12828)** Cramton, P.
Tu 3:30pm-6:00pm (TYD 0101)

ECON878 Workshop in Labor Economics; (3) S-F/AUD.
0101 **(12838)** Evans, W.
Th 3:30pm-6:00pm (TYD 0101)

ECON899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCI Curriculum and Instruction (Education)

EDCI280 School Service Semester; (3) S-F. Students must complete application for field component in Office of Laboratory Experiences. Field component occurs during designated lab time.
0101 **(12937)** Fasulo, E.
Th 2:00pm-3:50pm (COL 3110)
Th 8:00am-2:00pm (Arranged) Lab
0201 **(12938)** Leipzig, D.
W 2:00pm-3:50pm (EDU 4233)
W 8:00am-2:00pm (Arranged) Lab
0301 **(12939)** Gibbs, C.
Tu 2:00pm-3:50pm (COL 3110)
Tu 8:00am-2:00pm (Arranged) Lab
0401 **(12940)** Wright, H.
Tu 2:00pm-3:50pm (EDU 0114)
Tu 8:00am-2:00pm (Arranged) Lab
0501 **(12941)** Wuertzer Magner, J.
Th 2:00pm-3:50pm (EDU 1315)
Th 8:00am-2:00pm (Arranged) Lab
0601 **(12942)** Handel, B.
Tu 2:00pm-3:50pm (EDU 1315)
Tu 8:00am-2:00pm (Arranged) Lab

EDCI288D Special Topics in Teacher Education: Developmental Heuristics; (3) REG.
0101 **(12952)** Beyene, T.
Time and room to be arranged

EDCI288M *(PermReq)* **Special Topics in Teacher Education: Tutoring in Remedial Mathematics; (1-3)** REG/P-F/AUD.
0101 **(12962)** Shearn, E.
Time and room to be arranged

EDCI288P *(PermReq)* **Special Topics in Teacher Education: Q Cluster Seminar; (1)** REG/P-F/AUD. Permission of instructor only.
0101 **(12972)** STAFF
M 4:15pm-6:00pm (EDU 2212)

EDCI298 *(PermReq)* **Special Problems in Teacher Education; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI300 Discipline Based Art Education (C & I Art Methods); (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 390; and EDHD 300S. For art education majors only.*
0101 **(13018)** Hendricks, S.
Tu 12:30pm-1:45pm (EDU 1315)
Th 12:30pm-1:45pm (EDU 1210B) Lab

EDCI301 Teaching Art in the Elementary School; (3) REG/P-F/AUD. *For elementary and pre-elementary education majors only. Not open to art education majors.*
0101 **(13028)** Basseches, K.
M 9:00am-9:50am (ARC 0204)
WF 9:00am-9:50am (EDU 1315) Lab
0102 **(13029)** Wright, H.
M 9:00am-9:50am (ARC 0204)
WF 10:00am-10:50am (EDU 1315) Lab
0103 **(13030)** Basseches, K.
M 9:00am-9:50am (ARC 0204)
WF 11:00am-11:50am (EDU 1315) Lab
0104 **(13031)** Ferris, J.
M 9:00am-9:50am (ARC 0204)
WF 12:00pm-12:50pm (EDU 1315) Lab

EDCI305+ *(PermReq)* **Curriculum and Instruction in Elementary Education Cluster; (No credit)** NGI. Restricted to students registering for the elementary methods blocks.
0101 **(13041)** STAFF
Time and room to be arranged
Section 0101 is teamed with EDCI 322A, 342A, 352A, 362A, and 372A.

0201 **(13042)** STAFF
Time and room to be arranged
Section 0201 is teamed with EDCI 322B, 342B, 352B, 362B, and 372B.

0301 **(13043)** STAFF
Time and room to be arranged
Section 0301 is teamed with EDCI 322C, 342C, 352C, 362C, and 372C.

EDCI314 Teaching Language, Reading, Drama and Literature with Young Children; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 312; and EDHD 313; EDCI 488E; and EDHD 419A. Corequisite: EDHD 419B. For early childhood education majors only.*
0101 **(13045)** Tafuri, D.
Tu 8:00am-9:50am (EDU 0114)
0201 **(13046)** Tafuri, D.
Th 8:00am-9:50am (EDU 0114)

EDCI320 Curriculum and Instruction in Secondary Education: Social Studies/ History; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 300S; and EDCI 390. For education majors only.* Secondary education social studies majors only.
0101 **(13054)** Weible, T.
M 4:15pm-7:00pm (JMP 1202)

EDCI322A *(PermReq)* **Curriculum and Instruction in Elementary Education: Social Studies; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 342; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 342A, 352A, 362A, and 372A. For registration purposes, please refer to EDCI 305+.
0101 **(13064)** Jantz, R.
M 8:30am-10:20am (EDU 2212)
Time and room to be arranged Lab

EDCI322B *(PermReq)* **Curriculum and Instruction in Elementary Education: Social Studies; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 342; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 342B, 352B, 362B, and 372B. For registration purposes, please refer to EDCI 305+.
0101 **(13074)** Weible, T.
Tu 1:00pm-2:50pm (EDU 2101)
Time and room to be arranged Lab

EDCI322C *(PermReq)* **Curriculum and Instruction in Elementary Education: Social Studies; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 342; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 342C, 352C, 362C, and 372C. For registration purposes, please refer to EDCI 305+.
0101 **(13084)** Munyer, J.
M 1:00pm-2:50pm (EDU 2101)
Time and room to be arranged Lab

EDCI330 *(PermReq)* **Curriculum and Instruction in Secondary Education: Foreign Language; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 300S; and EDCI 390. For education majors only.*
0101 **(13104)** De Lorenzo, W.
W 4:15pm-7:00pm (EDU 1315)

EDCI340 Curriculum and Instruction in Secondary Education: English/ Speech/ Theatre; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 300S; and EDCI 390. Corequisite: EDCI 447. For education majors only.* Secondary English/speech/drama education majors only.
0101 **(13114)** McKillop, A.
MW 2:00pm-3:15pm (EDU 0114)

EDCI342A *(PermReq)* **Curriculum and Instruction in Elementary Education: Language Arts; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 352A, 362A, 372A, and 322A. For registration purposes, please refer to EDCI 305+.
0101 **(13124)** Davis, R.
M 10:30am-12:30pm (EDU 1121)
Time and room to be arranged Lab

EDCI342B *(PermReq)* **Curriculum and Instruction in Elementary Education: Language Arts; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 352B, 362B, 372B, 322B. For registration purposes, please refer to EDCI 305+.
0101 **(13134)** Gibbs, C.
Tu 8:00am-9:50am (EDU 1107)
Time and room to be arranged Lab

EDCI342C *(PermReq)* **Curriculum and Instruction in Elementary Education: Language Arts; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322C, 352C, 362C, and 372C. For registration purposes, please refer to EDCI 305+.
0101 **(13144)** Comas, J.
W 1:00pm-2:50pm (EDU 0202)
Time and room to be arranged Lab

EDCI350 Curriculum and Instruction in Secondary Education: Mathematics; (3) REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 300S; and EDCI 390; and six semester hours of 400-level mathematics courses. For education majors only.* Secondary math education majors only.
0101 **(13164)** Cooper, D.
TuTh 2:00pm-3:15pm (EDU 2121)

EDCI352A *(PermReq)* **Curriculum and Instruction in Elementary Education: Mathematics; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department; and MATH 210; and MATH 211. Corequisites: EDCI 322; and EDCI 342; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322A, EDCI 342A, EDCI 362A, EDCI 372A. For registration purposes, please refer to EDCI 305+.
0101 **(13174)** Graeber, A.
W 9:30am-11:20am (EDU 2121)
Time and room to be arranged Lab

EDCI352B *(PermReq)* **Curriculum and Instruction in Elementary Education: Mathematics; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department; and MATH 210; and MATH 211. Corequisites: EDCI 322; and EDCI 342; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322B, EDCI 342B, EDCI 362B, EDCI 372B. For registration purposes, please refer to EDCI 305+.
0101 **(13184)** Strutchens, M.
Tu 10:00am-11:50am (EDU 2121)
Time and room to be arranged Lab

EDCI352C *(PermReq)* **Curriculum and Instruction in Elementary Education: Mathematics; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department; and MATH 210; and MATH 211. Corequisites: EDCI 322; and EDCI 342; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322C, EDCI 342C, EDCI 362C and EDCI 372C. For registration purposes, please refer to EDCI 305+.
0101 **(13194)** Handel, B.
M 9:30am-11:20am (EDU 2121)
Time and room to be arranged Lab

EDCI362A *(PermReq)* **Curriculum and Instruction in Elementary Education: Reading; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322A, 342A, 352A, 372A. For registration purposes, please refer to EDCI 305+.
0101 **(13214)** Holmberg, J.
M 1:00pm-2:50pm (EDU 1107)
Time and room to be arranged Lab

EDCI362B *(PermReq)* **Curriculum and Instruction in Elementary Education: Reading; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322B, 342B, 352B, 372B. For registration purposes, please refer to EDCI 305+.
0101 **(13224)** Mazzoni, S.
Th 1:00pm-2:50pm (EDU 2101)
Time and room to be arranged Lab

EDCI362C *(PermReq)* **Curriculum and Instruction in Elementary Education: Reading; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322C, EDCI 342C, EDCI 352C and EDCI 372C. For registration purposes, please refer to EDCI 305+.
0101 **(13234)** Johnson, L.
W 8:30am-10:20am (EDU 2212)
Time and room to be arranged Lab

EDCI370 Curriculum and Instruction in Secondary Education: Science; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 300S; and EDCI 390. For education majors only.* Reserve one day per week for school observations. Secondary education science majors only.
0101 **(13254)** Holliday, W.
TuTh 2:00pm-3:15pm (EDU 2212)

EDCI372A *(PermReq)* **Curriculum and Instruction in Elementary Education: Science; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 362. For elementary education majors only.* Teamed with EDCI 322A, 342A, 352A, 362A. For registration purposes, please refer to EDCI 305+.
0101 **(13264)** McGinnis, J.
W 1:00pm-2:50pm (EDU 2212)
Time and room to be arranged Lab

EDCI372B *(PermReq)* **Curriculum and Instruction in Elementary Education: Science; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 362. For elementary education majors only.* Teamed with EDCI 322B, 342B, 352B, 362B. For registration purposes, please refer to EDCI 305+.
0101 **(13274)** Van Zee, E.
Th 9:30am-11:20am (EDU 2212)
Time and room to be arranged Lab

EDCI372C *(PermReq)* **Curriculum and Instruction in Elementary Education: Science; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 362. For elementary education majors only.* Teamed with EDCI 322C, EDCI 342C, EDCI 352C, and EDCI 362C. For registration purposes, please refer to EDCI 305+.
0101 **(13284)** Holliday, W.
W 10:30am-12:30pm (EDU 2212)
Time and room to be arranged Lab

EDCI385 Computers for Teachers; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA. For education majors only. Credit will be granted for only one of the following: EDCI 385; or EDCI 487; or EDIT 406; or EDIT 477; or EDSP 480.*
0101 **(13304)** Sullivan, D.
Tu 2:00pm-3:15pm (EDU 0206)
Th 2:00pm-3:15pm (EGR 3140)
0201 **(13305)** Gordon, C.
M 8:00am-9:15am (EDU 0202)
W 8:00am-9:15am (EGR 3140)
0301 **(13306)** Gordon, C.
Tu 8:00am-9:15am (EDU 0212)
Th 8:00am-9:15am (EGR 3140)

EDCI386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

EDCI390 Principles and Methods of Secondary Education; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA. Corequisites: EDHD 313S and EDHD 420. For education majors only.* Open to secondary education majors. Open also to majors 0803C, 0803G, 0803H, 0839B, 0839C, 0835O, 0837O, 0838O.
0101 **(13351)** Munyer, J.
M 4:15pm-7:00pm (EDU 1121)
0301 **(13352)** McCaleb, J.
Tu 1:00pm-4:00pm (EDU 3236)

EDCI397 Principles and Methods of Teaching in Elementary Schools; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA. For education majors only.*
0101 **(13362)** McGinnis, J.
TuTh 8:30am-9:45am (EDU 2102)

This section is appropriate for math and science concentrations and EDSP students.

0201 **(13363)** Jantz, R.
MW 2:15pm-3:30pm (EDU 2102)
0301 **(13364)** Davis, R.
MW 9:30am-10:45am (EDU 2101)

EDCI401 Student Teaching in Elementary School: Art; (4-8) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 300. For art education majors only.* There is a $240 fee assigned to this course.
0101 **(13374)** Hendricks, S.
Time and room to be arranged
Time and room to be arranged Lab

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

EDCI402 Student Teaching in Secondary Schools: Art; (2-8) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 300. For art education majors only.* There is a $240 fee assigned to this course.
0101 **(13384)** Hendricks, S.
W 4:15pm-7:00pm (JMP 1215)

EDCI406 *(PermReq)* **Computers, Art and Chaos Theory; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(13394)** Hendricks, S.
Tu 9:30am-11:00am (EDU 1315)
Th 9:30am-11:00am (Arranged) Lab

EDCI420 Student Teaching Seminar in Secondary Education: Social Studies; (3) REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 320 or EDCI 321. Corequisite: EDCI 421 or EDCI 422.*
0101 **(13404)** Johnson, D.
M 4:00pm-7:00pm (EDU 0114)

EDCI421 Student Teaching in Secondary Schools: Social Studies/ History; (6-12) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 320. Corequisite: EDCI 420.* There is a $240 fee assigned to this course.
0101 **(13414)** Cirrincione, J.
Time and room to be arranged

EDCI426 Methods of Teaching Social Studies in Secondary Schools; (3) REG/P-F/AUD. *Prerequisites: EDHD 300; and EDCI 390.* Master's certification students only.
0101 **(13424)** Weible, T.
M 4:15pm-7:00pm (JMP 1202)

EDCI434 Methods of Teaching English to Speakers of Other Languages; (3) REG/P-F/AUD.
0101 **(13434)** Wong, S.
Tu 4:15pm-7:00pm (EDU 0206)

EDCI440 Student Teaching Seminar in Secondary Education: English, Speech, Theatre; (1) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 340. Corequisite: EDCI 441.* Meets Sept. 17, Oct. 15, Nov. 12, Dec. 3.
0101 **(13444)** McKillop, A.
W 4:15pm-5:45pm (ASY 3219)
Time and room to be arranged Lab

EDCI441 Student Teaching in Secondary Schools: English; (12) S-F. *Prerequisites: admission to teacher education program; and EDCI 340. Corequisite: EDCI 440.* There is a $240 fee assigned to this course.
0101 **(13454)** McKillop, A.
Time and room to be arranged

EDCI442 Student Teaching in Secondary Schools: Speech/English; (12) S-F. *Prerequisites: admission to teacher education program; and EDCI 340. Corequisite: EDCI 440.* There is a $240 fee assigned to this course.
0101 **(13464)** McCaleb, J.
Time and room to be arranged

EDCI443 Literature for Children and Youth; (3) REG/P-F/AUD. *For elementary education and pre-elementary education majors only.*
0101 **(13474)** Heidelbach, R.
Tu 2:00pm-5:00pm (EGR 3140)
0201 **(13475)** Heidelbach, R.
Th 1:00pm-4:00pm (EDU 0212)
0301 **(13476)** Holmberg, J.
Th 1:00pm-4:00pm (EDU 3236)

EDCI443A *(PermReq)* **Literature for Children and Youth; (3)** REG/P-F/AUD. *For elementary education and pre-elementary education majors only.* For early childhood majors only.
0201 **(13487)** Comas, J.
Th 1:00pm-4:00pm (EDU 1121)

EDCI446 Methods of Teaching English, Speech, Theatre in Secondary Schools; (3) REG/AUD. *Prerequisites: EDHD 300; and EDCI 390; or permission of department.* Masters certification students only.
0101 **(13497)** McKillop, A.
MW 2:00pm-3:15pm (EDU 0114)

EDCI447 Field Experience in English, Speech, Theatre Teaching; (1) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 390; and EDHD 300S. Corequisite: EDCI 340. For education majors only.* Secondary English/speech/drama education majors only. Students must reserve one half day (or a minimum of three hours) per week for observation.
0101 **(13507)** McKillop, A.
Time and room to be arranged

EDCI448 Student Teaching in Secondary Schools: Theatre/English; (12) S-F. There is a $240 fee assigned to this course.
0101 **(13517)** McCaleb, J.
Time and room to be arranged

EDCI450 Student Teaching Seminar in Secondary Education: Mathematics; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; 2.5 GPA; and EDCI 350; and EDCI 45". Corequisite: EDCI 451.*
0101 **(13527)** Davidson, N.
M 4:15pm-7:00pm (EDU 2121)

EDCI451 Student Teaching in Secondary Schools: Mathematics; (12) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 350; and EDCI 45". Corequisite: EDCI 450.* There is a $240 fee assigned to this course.
0101 **(13537)** Davidson, N.
Time and room to be arranged

EDCI453 *(PermReq)* **Mathematics in the Elementary School; (3)** REG/P-F/AUD. *Prerequisite: MATH 210 or equivalent.* Masters certification students only.
0101 **(13547)** Graeber, A.
TuTh 12:30pm-1:45pm (EDU 2121)

EDCI456 Teaching Mathematics to the Educationally Handicapped; (3) REG/P-F/AUD. *Prerequisites: {EDSP 331; and EDSP 332; and EDSP 333; and EDSP 443; and MATH 210} or permission of department.* For special education majors only.
0101 **(13557)** Johnson, M.
MW 1:15pm-2:30pm (EDU 2121)

EDCI463 Reading in the Secondary School; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; or permission of department required for post-baccalaureate students. For education majors only.*
0101 **(13567)** Grant, R.
W 4:15pm-7:00pm (JMZ 0202)

EDCI464 Reading Instruction and Diagnosis Across Content Areas; (3) REG/P-F/AUD. *Prerequisite: EDCI 362 or permission of department for graduate students.*
0101 **(13577)** Haugh, J.
Tu 4:15pm-7:00pm (TWS 2228)
0201 **(13578)** Haugh, J.
Th 4:15pm-7:00pm (TWS 2228)

EDCI481 Student Teaching: Elementary; (12) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 322; and EDCI 342; and EDCI 352; and EDCI 362; and EDCI 372. Corequisite: EDCI 464.* Limited to elementary majors who have previously applied. There is a $240 fee assigned to this course.
0101 **(13598)** O'Flahavan, J.
Time and room to be arranged

EDCI484 Student Teaching in Elementary School: Music; (4-6) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and MUED 411; and MUED 420; and MUED 470; and MUED 471; and MUED 472. Corequisite: EDCI 494.* Limited to music education majors enrolled in the Department of Curriculum and Instruction who have previously applied. There is a $240 fee assigned to this course.
0101 **(13608)** Folstrom, R.
Time and room to be arranged

EDCI485 Student Teaching in Elementary School: Physical Education; (4-8) S-F. *For EDCI majors only.* Limited to majors who have previously applied. There is a $240 fee assigned to this course.
0101 **(13618)** Owens, L.
Time and room to be arranged

EDCI488E *(PermReq)* **Selected Topics in Teacher Education; (3)** REG/P-F/AUD. Permission of department required and admission to Teacher Education Program. Blocked with EDHD 313, EDCI 314, EDCI 488E, EDHD 312, and EDHD 419A.
0101 **(13619)** STAFF
Time and room to be arranged
0201 **(13620)** STAFF
Time and room to be arranged

EDCI489 *(PermReq)* **Field Experiences in Education; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI491 Student Teaching in Secondary Schools: Health; (12) S-F. *For EDCI majors only.* There is a $240 fee assigned to this course.
0101 **(13662)** Hyde, D.
Time and room to be arranged

EDCI494 Student Teaching in Secondary Schools: Music; (2-8) S-F. *For EDCI majors only.* There is a $240 fee assigned to this course.
0101 **(13672)** Folstrom, R.
Time and room to be arranged

EDCI495 Student Teaching in Secondary Schools: Physical Education; (2-8) S-F. *For EDCI majors only.* There is a $240 fee assigned to this course.
0101 **(13682)** Owens, L.
Time and room to be arranged

EDCI498 *(PermReq)* **Special Problems in Teacher Education; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI498J Special Problems in Teacher Education: Learning In Biology Seminar; (1) REG.
0101 **(13727)** Layman, J.
Time and room to be arranged

EDCI635 English Grammar for Teachers of English to Speakers of Other Languages; (3) REG/AUD. *Prerequisite: EDCI 434 or EDCI 630, or permission of department.*
0101 **(13747)** Wong, S.
W 4:15pm-7:00pm (EDU 0114)

EDCI650 Trends in Mathematics Education; (3) REG/AUD.
0101 **(13767)** Strutchens, M.
W 4:15pm-7:00pm (EDU 2121)

EDCI660 Diagnostic Reading Instruction; (3) REG/AUD. *Prerequisite: EDCI 362 or EDCI 463 or equivalent.*
0101 **(13777)** Dreher, M.
M 4:15pm-7:00pm (EDU 2102)

EDCI663 Issues in Reading Education; (3) REG/AUD. *Prerequisite: EDCI 660.*
0101 **(13787)** Dreher, M.
Th 4:15pm-7:00pm (EDU 0202)

EDCI664 Clinical Assessment in Reading; (3) REG/AUD. *Prerequisites: {EDCI 660; and EDCI 661; and EDCI 663} or permission of department.*
0101 **(13797)** Grant, R.
Tu 4:15pm-7:00pm (EDU 1210B)

EDCI670 Trends in School Curriculum: Science; (3) REG/AUD.
0101 **(13807)** Van Zee, E.
Tu 4:15pm-7:00pm (EDU 2212)

EDCI677 Computers in Science Education; (3) REG. *Prerequisite: EDCI 487 or equivalent.*
0101 **(13817)** Layman, J.
Th 4:15pm-7:00pm (EDU 2212)

EDCI684 Introduction to Field Methods in School and Community; (3) REG/AUD.
0101 **(13827)** Price, J.
Th 4:15pm-7:00pm (EDU 0210)

EDCI685 Research Methods; (3) REG/AUD.
0101 **(13837)** Saracho, O.
Tu 4:15pm-7:00pm (EDU 2121)

EDCI693 *(PermReq)* **Research on Effective Teaching; (3)** REG. *Prerequisite: permission of department.* Masters certification students only.
0101 **(13847)** Vansledright, B.
Th 9:00am-12:00pm (EDU 0202)
0201 **(13848)** Price, J.
Th 9:00am-12:00pm (EDU 1210B)

EDCI695 Teaching Science and Social Studies through Environmental Study; (3) REG/AUD. *For EDCI majors only.*
0101 **(13859)** STAFF
Th 4:15pm-7:00pm (EDU 2121)

EDCI730 *(PermReq)* **Theory and Research in Second Language Teaching, Learning and Assessment; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(13878)** De Lorenzo, W.
M 4:15pm-7:00pm (EDU 2101)

EDCI769 Theory and Research in Reading; (3) REG/AUD.
0101 **(13888)** Gambrell, L.
Th 4:15pm-7:00pm (EDU 3233)

EDCI780 Theory and Research on Teaching; (3) REG/AUD.
0101 **(13908)** Valli, L.
Th 4:15pm-7:00pm (EDU 2102)

EDCI788 Selected Topics in Teacher Education; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI788G Selected Topics in Teacher Education: Proseminar; (1) REG/AUD. For Master's certification students only.
0101 **(13953)** McCaleb, J.
F 9:00am-10:00am (EDU 3236)
0201 **(13954)** McCaleb, J.
F 10:00am-11:00am (EDU 3236)
0301 **(13955)** McCaleb, J.
F 11:00am-12:00pm (EDU 3236)

EDCI788I *(PermReq)* **Selected Topics in Teacher Education: Teaching of Reading and Writing: Elementary and Secondary; (3)** REG. Masters certification students only.
0101 **(13965)** O'Flahavan, J.
M 9:00am-12:00pm (EDU 2102)
0201 **(13966)** Saracho, O.
M 9:00am-12:00pm (EDU 0114)

EDCI788N Selected Topics in Teacher Education: Doctoral Seminar; (1-3) REG/AUD.
0101 **(13976)** Holliday, W.
Th 7:00pm-9:00pm (EDU 0114)

EDCI798 *(PermReq)* **Special Problems in Teacher Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCI858 Seminar in Mathematics Education; (1) REG/AUD.
0101 **(14062)** Fey, J.
F 10:00am-12:00pm (EDU 2121)
Time and room to be arranged Dis

EDCI880 *(PermReq)* **Doctoral Proposal Seminar; (3)** REG/AUD. *Prerequisites: EDCI 685; and EDCI 780; and permission of department.*
0101 **(14072)** Davidson, N.
W 4:15pm-7:00pm (EDU 1210B)

EDCI888 *(PermReq)* **Apprenticeship in Education; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI888A *(PermReq)* **Apprenticeship in Education; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. There is a $240 lab fee assigned to this course.

EDCI889 *(PermReq)* **Internship in Education; (3-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCP Education Counseling and Personnel Services (Education)

All sections of EDCP 108, except EDCP 108J and 108R, closed to seniors.

EDCP108B College and Career Advancement: Concepts and Skills: Reading and Study Skills; (1) REG/P-F/AUD.
0101 **(14248)** Van Brunt, J.
Meets 09/03/97-10/15/97
MWF 9:00am-9:50am (KEY 0102)
0201 **(14249)** Van Brunt, J.
Meets 10/20/97-12/10/97
MWF 9:00am-9:50am (KEY 0102)
0301 **(14250)** Van Brunt, J.
Meets 10/20/97-12/10/97
MWF 12:00pm-1:00pm (ARM 0119)

EDCP108D College and Career Advancement: Concepts and Skills: Career Planning and Decision Making; (1) REG/P-F/AUD. Recommended for second semester freshmen and sophomores.
0101 **(14260)** STAFF
M 1:00pm-3:00pm (EDU 0202)
0201 **(14261)** STAFF
M 10:00am-12:00pm (SYM 1308)
0301 **(14262)** STAFF
M 2:00pm-4:00pm (EDU 0206)
0401 **(14263)** STAFF
W 1:00pm-3:00pm (SYM 1308)
0501 **(14264)** STAFF
W 12:00pm-2:00pm (KEY 1117)
0601 **(14265)** STAFF
Tu 10:00am-12:00pm (COL 3110)
0701 **(14266)** STAFF
Tu 1:00pm-3:00pm (ZOP 1232)

EDCP108K *(PermReq)* **College and Career Advancement: Concepts and Skills: Reading at the College Level; (1)** REG/P-F/AUD. Permission of instructor. Recommended for students with learning disabilities.
0101 **(14286)** Hayeslip, M.
W 3:00pm-3:50pm (TYD 0111)

EDCP108L College and Career Advancement: Concepts and Skills: Listening and Note-Taking; (1) REG/P-F/AUD.
0101 **(14296)** Browner, S.
Tu 10:00am-12:00pm (EDU 0206)

EDCP108M College and Career Advancement: Concepts and Skills: Math Study Skills and Building Confidence; (1) REG/AUD. Enrollment limited to students concurrently enrolled in MATH 001 and MATH 002.
0101 **(14306)** Shearn, E.
Meets 09/02/97-10/09/97
MWF 4:00pm-4:50pm (CHM 0124)
0201 **(14307)** Pride, S.
Meets 09/02/97-10/09/97
TuTh 9:30am-10:45am (ARM 0121)
0301 **(14308)** Pride, S.
Meets 10/20/97-12/10/97
MWF 12:00pm-12:50pm (DNC 1147A)

EDCP108N College and Career Advancement: Concepts and Skills: Minority Students; (1) REG.
0101 **(14318)** Bass, D.
M 2:00pm-3:00pm (HBK 0125)
0102 **(14319)** Zeigler, R.
M 3:00pm-4:00pm (HBK 0123)
0105 **(14320)** Massenburg, R.
F 9:00am-10:00am (HBK 0105)
0106 **(14321)** STAFF
F 10:00am-11:00am (HBK 0105)
0108 **(14322)** Balon, D.
Th 10:00am-11:00am (HBK 0115)
0109 **(14323)** Jackson, J.
Th 11:00am-12:00pm (HBK 0105)
0111 **(14324)** Zeigler, R.
M 10:00am-11:00am (HBK 0109)
0112 **(14325)** STAFF
M 11:00am-12:00pm (HBK 0115)
0113 **(14326)** Graves, K.
Tu 12:00pm-1:00pm (HBK 0105)
0114 **(14327)** Smith, J.
Th 12:00pm-1:00pm (HBK 0105)
0115 **(14328)** Thomas, P.
M 1:00pm-2:00pm (HBK 1108)

EDCP108O College and Career Advancement: Concepts and Skills: The Student in the University; (1) REG. Restricted to first-year students.
0001 **(14338)** Wawrzynski, M.
M 2:00pm-4:00pm (TLF 1101)
Section 0001 is recommended for any major.

0002 **(14339)** Wawrzynski, M.
W 1:00pm-3:00pm (PLS 1162)
Section 0002 is recommended for any major.

0003 **(14340)** Wawrzynski, M.
W 3:00pm-5:00pm (JMZ 0120)
Section 0003 is recommended for any major.

0004 **(14341)** Wawrzynski, M.
Th 2:00pm-4:00pm (EGR 0102)
Section 0004 is recommended for any major.

0101 **(14342)** Wolvin, A.
M 10:00am-12:00pm (PLS 1168)
Section 0101 is recommended for Arts and Humanities Majors.

0102 **(14404)** STAFF
W 3:00pm-5:00pm (KEY 0119)
Section 0102 is recommended for Arts and Humanities Majors.

0103 **(14405)** STAFF
M 3:00pm-5:00pm (KEY 0119)
Section 0103 is recommended for Arts and Humanities Majors.

0104 **(14406)** Peres, P.
W 10:00am-12:00pm (PLS 1168)
Section 0104 is recommended for Arts and Humanities Majors.

0105 **(14407)** Bondurant, D.
Tu 3:00pm-5:00pm (JMZ 2122)
Section 0105 is recommended for Arts and Humanities Majors.

0106 **(14408)** STAFF
TBA (KEY 0125)
Section 0106 recommended for Arts and Humanities Majors.

0200 **(14343)** Schmidt, T.
Th 1:00pm-3:00pm (CHE 2116)
Section 0200 is recommended for BSOS Majors.
Permission of instructor only.

0201 **(14344)** Beardsley, K.
Th 1:00pm-3:00pm (HBK 0109)
Section 0201 is recommended for BSOS Majors.

0202 **(14345)** Kvach, K.
W 1:00pm-3:00pm (TYD 1132)
Section 0202 is recommended for BSOS Majors.

0203 **(14346)** Cidon, E.
Tu 10:00am-12:00pm (EGR 0102)
Section 0203 is recommended for BSOS Majors.

0204 **(14347)** Goebel, S.
Tu 1:00pm-3:00pm (COL 3112)
Section 0204 is recommended for BSOS Majors.

0205 **(14348)** Coleman, T.
W 10:00am-12:00pm (TYD 0111)
Section 0205 is recommended for Criminal Justice Majors.

0206 **(14349)** Blasingame, A.
Tu 1:00pm-3:00pm (HBK 0105)
Section 0206 is recommended for students of color in BSOS.

EDCP

(EDCP108O cont'd)

0207 **(14350)** Sweeney, A.
Th 2:00pm-4:00pm (TYD 1111)
Section 0207 is recommended for Government and Politics Majors.

0208 **(14351)** Gray, M.
Th 1:00pm-3:00pm (MTH 0301)
Section 0208 is recommended for Psychology Majors.

0209 **(15115)** Shaffer, G.
W 8:00am-10:00am (TYD 1128)
Section 0209 is recommended for Pre-Law Majors.

0301 **(14352)** Pollard, E.
M 2:00pm-4:00pm (ASY 3211)
Section 0301 is recommended for Business and Management Majors.

0303 **(14354)** Horick, B.
W 3:30pm-5:30pm (SQH 1101)
Section 0303 is recommended for Business and Management Majors.

0401 **(14355)** Williams, T.
W 2:00pm-3:50pm (AVW 2328)
Section 0401 is restricted to CMPS students.

0402 **(14356)** Osmond, T.
Th 2:00pm-3:50pm (EGR 3111)
Section 0402 is restricted to CMPS students.

0403 **(15116)** Osmond, T.
Th 2:00pm-4:00pm (EGR 3111)
Section 0403 is restricted to CMPS students.

0501 **(14357)** Angeletti, K.
W 11:00am-1:00pm (EDU 0202)
Section 0501 is recommended for Education Majors.

0601 **(14358)** Rooney, E.
Th 2:00pm-4:00pm (EGR 3114)
Section 0601 is restricted to Engineering Majors.

0602 **(14359)** McKenzie, M.
Tu 10:00am-12:00pm (EGR 3114)
Section 0602 is restricted to Engineering Majors.

0603 **(14360)** Saddler-Assem, L.
M 2:00pm-4:00pm (CHM 0124)
Section 0603 is recommended for students of color in Engineering.

0604 **(14361)** Lindsley, K.
Tu 10:00am-12:00pm (HBK 0115)
Section 0604 is restricted to Engineering First Year Focus Cluster.

0605 **(14362)** Russell, H.
W 3:00pm-5:00pm (EGR 1110)
Section 0605 is restricted to Engineering First Year Focus Cluster.

0702 **(14364)** Reid, O.
W 3:00pm-5:00pm (KEY 0121)
Section 0702 is recommended for Journalism Majors.

0801 **(14365)** Cooper, D.
M 1:00pm-3:00pm (SYM 1308)
Section 0801 is recommended for Letters and Sciences students.

0802 **(14366)** George, D.
M 2:00pm-4:00pm (ARM 0101)
Section 0802 is recommended for Letters and Sciences students.

0803 **(14367)** STAFF
M 3:00pm-5:00pm (JMZ 2123)
Section 0803 is recommended for Letters and Sciences students.

0804 **(14368)** Nadler, P.
Tu 10:00am-12:00pm (JMP 2202)
Section 0804 is recommended for Letters and Sciences students.

0805 **(14369)** Riggs, B.
Tu 10:00am-12:00pm (MTH 0301)
Section 0805 is recommended for Letters and Sciences students.

0806 **(14370)** Kardian, J.
Tu 10:00am-12:00pm (ASY 3217)
Section 0806 is recommended for Letters and Sciences students.

0807 **(14371)** Karstetter, T.
Tu 1:00pm-3:00pm (COL 3114)
Section 0807 is recommended for Letters and Sciences students.

0808 **(14372)** Babin, N.
Tu 2:00pm-4:00pm (ARM 0118)
Section 0808 is recommended for Letters and Sciences students.

0809 **(14373)** Ginther, A.
Tu 3:00pm-5:00pm (ZOP 1228)
Section 0809 is recommended for Letters and Sciences students.

0810 **(14374)** Van Wagenen, L.
W 10:00am-12:00pm (SYM 1308)
Section 0810 is recommended for Letters and Sciences students.

0811 **(14375)** Ferrick, E.
W 9:00am-11:00am (ZOP 1234)
Section 0811 is recommended for Letters and Sciences students.

0812 **(14376)** Bodison, S.
W 10:00am-12:00pm (EDU 0114)
Section 0812 is recommended for Letters and Sciences students.

0813 **(14377)** Troiano, P.
W 1:00pm-3:00pm (HBK 0125)
Section 0813 is recommended for Letters and Sciences students. Permission of instructor only.

0814 **(14378)** Seabreeze, J.
W 2:00pm-4:00pm (ARM 0101)
Section 0814 is recommended for Letters and Sciences students.

0815 **(14379)** Smith, J.
W 2:00pm-4:00pm (ARM 0119)
Section 0815 is recommended for Letters and Sciences students.

0816 **(14380)** Mercado, C.
W 3:00pm-5:00pm (JMZ 1224)
Section 0816 is recommended for Letters and Sciences students.

0817 **(14381)** Moore, D.
W 3:00pm-5:00pm (JMZ 1124)
Section 0817 is recommended for Letters and Sciences students.

0818 **(14382)** Mica, S.
Th 10:00am-12:00pm (CHE 2116)
Section 0818 is recommended for Letters and Sciences students.

0819 **(14383)** Francis, D.
Th 10:00am-12:00pm (CHM 0127)
Section 0819 is recommended for Letters and Sciences students.

0820 **(14384)** Ulmer, H.
Th 1:00pm-3:00pm (ARM 0108)
Section 0820 is recommended for Letters and Sciences students.

0821 **(15110)** STAFF
Th 2:00pm-4:00pm (CHE 2140)
Section 0821 is recommended for Letters and Sciences students.

0822 **(15111)** STAFF
M 3:00pm-5:00pm (JMZ 0118)
Section 0822 is recommended for Letters and Sciences students

0823 **(15112)** STAFF
Tu 2:00pm-4:00pm (JMZ 1124)
Section 0823 is recommended for Letters and Science students.

0824 **(15113)** STAFF
Tu 3:00pm-5:00pm (CHE 2116)
Section 0824 is recommended for Letters and Sciences students.

0825 **(15114)** STAFF
W 2:00pm-4:00pm (CHM 0124)
Section 0825 is recommended for Letters and Sciences students.

0901 **(14385)** STAFF
Tu 9:00am-11:00am (JMZ 1117)
Section 0901 is restricted to Life Sciences students.

0902 **(14386)** Clement, L.
M 2:00pm-4:00pm (SYM 0115)
Section 0902 is restricted to Life Sciences students.

0903 **(14387)** Klavon, A.
Tu 9:00am-11:00am (SYM 0115)
Section 0903 is restricted to Life Sciences students.

0904 **(14388)** Lachman, L.
Tu 10:00am-12:00pm (PLS 1115)
Section 0904 is restricted to Life Sciences students.

0905 **(14389)** Infantino, R.
Tu 10:00am-12:00pm (PLS 1184)
Section 0905 is restricted to Life Sciences students.

0906 **(14390)** Patrick, R.
Tu 1:00pm-3:00pm (ARM 0108)
Section 0906 is restricted to Life Sciences students.

0907 **(14391)** Harwood, W.
Tu 2:00pm-4:00pm (PLS 1115)
Section 0907 is restricted to Life Sciences students.

0908 **(14392)** Loughlin, W.
Tu 2:00pm-4:00pm (SYM 0115)
Section 0908 is restricted to Life Sciences students.

0909 **(14393)** Granger, M.
W 1:00pm-3:00pm (PLS 1184)
Section 0909 is restricted to Life Sciences students.

0910 **(14394)** Thompson, K.
W 2:00pm-4:00pm (SYM 0115)
Section 0910 is restricted to Life Sciences students.

0911 **(14395)** Tyree, T.
Th 9:00am-11:00am (PLS 1115)
Section 0911 is restricted to Life Sciences students.

0912 **(14396)** Strumpf, G.
Th 10:00am-12:00pm (PLS 1184)
Section 0912 is restricted to Life Sciences students.

0913 **(14397)** Reynolds, D.
Th 2:00pm-4:00pm (ARM 0105)
Section 0913 is restricted to Life Sciences students.

0914 **(14398)** Guenzler, M.
Th 2:00pm-4:00pm (SYM 0115)
Section 0914 is restricted to Life Sciences students.

1001 **(14399)** Bowman, J.
MW 9:00am-10:00am (COL 0100)
Section 1001 is recommended for Intercollegiate (NCAA) Athletes.

1002 **(14400)** Pearman, D.
M 7:00pm-9:00pm (COL 0100)
Section 1002 is recommended for Intercollegiate (NCAA) Athletes.

1003 **(14401)** Adams-Gaston, J.
TuTh 11:00am-12:00pm (COL 0100)
Section 1003 is recommended for Intercollegiate (NCAA) Athletes.

1004 **(14402)** Lowe, H.
Tu 7:00pm-9:00pm (COL 0100)
Section 1004 is recommended for Intercollegiate (NCAA) Athletes.

1005 **(14403)** Friedman, E.
W 1:00pm-3:00pm (COL 0100)
Section 1005 is recommended for Intercollegiate (NCAA) Athletes.

1101 **(14409)** Wortham, B.
Tu 1:00pm-3:00pm (JMP 2202)
Section 1101 is required for Architecture Majors.

1102 **(14410)** Shaklee, B.
Tu 3:00pm-5:00pm (PLS 1176)
Section 1102 is required for Architecture Majors.

1103 **(14412)** Shaklee, B.
Th 2:00pm-4:00pm (ARC 1127
Section 1103 is required for Architecture Majors.

EDCP108R College and Career Advancement: Concepts and Skills: Returning Students; (1) REG/P-F/AUD.
0101 **(14413)** Greenfeig, B.
W 1:00pm-3:00pm (EDU 1210B)
0201 **(14414)** Goldberg, B.
Th 12:30pm-2:30pm (HBK 0125)

EDCP108T College and Career Advancement: Concepts and Skills: Time Management; (1) REG/P-F/AUD.
0101 **(14424)** Goldberg, B.
M 11:00am-1:00pm (WDS 1130)

EDCP108W College and Career Advancement: Concepts and Skills; (1) REG/P-F/AUD.
0101 **(14434)** Gomez, M.
F 10:00am-12:00pm (EDU 0210)

EDCP108X College and Career Advancement: Concepts and Skills: Academic Skills for International Students; (1) REG/P-F/AUD.
0101 **(14444)** Friesen, F.
Th 3:15pm-4:30pm (LEF 1220)

EDCP310 Peer Counseling Theory and Skills; (3) REG.
0101 **(14454)** STAFF
TuTh 9:30am-10:45am (EDU 3236)
0301 **(14455)** STAFF
W 4:15pm-7:00pm (TWS 2212)

EDCP310A *(PermReq)* **Peer Counseling Theory and Skills; (3)** REG. Minority peer counseling. Instructor permission required.
0101 **(14465)** Cothran, M.
W 2:00pm-4:45pm (HBK 1116)

EDCP317 Introduction to Leadership; (3) REG/P-F/AUD.
0101 **(14475)** STAFF
TuTh 9:30am-10:45am (JMZ 2122)
0201 **(14476)** STAFF
TuTh 11:00am-12:15pm (EDU 3236)
0301 **(14477)** STAFF
TuTh 2:00pm-3:15pm (ASY 1213)

EDCP386 *(PermReq)* **Experiential Learning; (3)** REG. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*
0101 **(14488)** Komives, S.
Time and room to be arranged

EDCP418A *(PermReq)* **Special Topics in Leadership: Leadership and Ethnicity; (3)** REG/P-F/AUD.
0101 **(14498)** Dula, B.
TuTh 2:00pm-3:15pm (JMZ 2117)

EDCP418B *(PermReq)* **Special Topics in Leadership: Women and Leadership; (3)** REG/P-F/AUD.
0101 **(14508)** Breeze, A.
TuTh 12:30pm-1:45pm (COL 3109)

EDCP420 Education and Racism; (3) REG/P-F/AUD. DIVERSITY
0101 **(14518)** STAFF
Tu 9:00am-11:45am (EDU 3315)

EDCP489 *(PermReq)* **Field Experiences in Counseling and Personnel Services; (1-4)** REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCP498 *(PermReq)* **Special Problems in Counseling and Personnel Services; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCP499L *(PermReq)* **Workshops, Clinics, Institutes: Preparation to Lead Relationship Skills Workshops; (3)** REG/P-F/AUD.
0201 **(14566)** Mielke, P.
Time and room to be arranged

EDCP610C Professional Orientation; (3) REG/AUD. Limited to community counseling students.
0101 **(14576)** Lucas, M.
W 4:15pm-7:00pm (ASY 3203)

EDCP610R Professional Orientation; (3) REG/AUD. Limited to rehabilitation counseling students.
0101 **(14586)** Hershenson, D.
W 4:15pm-7:00pm (EDU 3236)

EDCP610S Professional Orientation; (3) REG/AUD. Limited to school counseling students.
0101 **(14596)** Greenberg, K.
W 4:15pm-7:00pm (EDU 0206)

EDCP610U Professional Orientation; (3) REG. Limited to college student personnel students.
0101 **(14606)** Komives, S.
W 3:15pm-6:00pm (EDU 0202)

EDCP612 Cross-Cultural Issues in Counseling and Personnel Services; (3) REG/AUD. *Prerequisites: EDMS 646; and EDCP 616; or permission of department.*
0201 **(14616)** Boyd, V.
Th 2:00pm-5:00pm (SHM 1103)
Section 0201 is limited to CSP doctoral students only.

EDCP614 Personality Theories in Counseling and Personnel Services; (3) REG/AUD.
0101 **(14626)** STAFF
Th 4:15pm-7:00pm (EDU 1210B)

EDCP616 *(PermReq)* **Counseling II: Theory and Practice; (3)** REG/AUD. *Prerequisite: EDCP 615. Corequisite: EDCP 618.*
0101 **(14636)** Pope-Davis, D.
Tu 4:15pm-7:00pm (EDU 1121)
0201 **(14637)** STAFF
Tu 4:15pm-7:00pm (EDU 1121)

EDCP618 Counseling Skills: Introduction to Practicum; (1) REG. Corequisite: EDCP 616.
0101 **(14647)** Hoffman, M.
M 7:00pm-9:00pm (EDU 1121)
0201 **(14648)** Hoffman, M.
M 7:00pm-9:00pm (EDU 0212)

EDCP619C *(PermReq)* **Practicum in Counseling; (3)** REG/AUD. Limited to community counseling majors.
0201 **(14658)** Power, P.
W 4:15pm-7:00pm (EDU 0210)

EDCP619R Practicum in Counseling; (2-6) REG/AUD. Rehabilitation students only.
0101 **(14669)** Fabian, E.
W 4:15pm-7:00pm (COL 3114)

EDCP619U Practicum in Counseling; (3) REG. Limited to CSPA majors. Prerequisites: EDCP 616 and EDCP 615.
0101 **(14679)** STAFF
W 3:00pm-6:00pm (JMZ 2123)
0201 **(14680)** STAFF
Th 2:00pm-5:00pm (JMZ 1122)

EDCP632 Cognitive Assessment; (3) REG/AUD. *Prerequisite: Limited to school psychology students or permission of department.*
0101 **(14690)** STAFF
M 1:00pm-3:45pm (EDU 1210B)

EDCP634 Diagnostic Appraisal of Children II; (3) REG. *Prerequisite: EDCP 633. Corequisite: EDCP 638.*
0101 **(14700)** Teglasi-Golubcow, H.
Tu 9:30am-12:15pm (EDU 0202)

EDCP635 School Consultation I; (3) REG/AUD. *Prerequisite: limited to school psychology students or permission of instructor.*
0101 **(14710)** Rosenfield, S.
W 3:15pm-6:00pm (Arranged)

EDCP651 Group Counseling in Schools; (3) REG/AUD. *Prerequisite: EDCP 616. For school counseling and school psychology students only or permission of instructor.*
0101 **(14720)** Greenberg, K.
Tu 4:15pm-7:00pm (EDU 2102)

EDCP656 Counseling and Personnel Services Seminar; (2) REG. Limited to first year CSPA students only.
0101 **(14730)** McEwen, M.
W 3:15pm-6:00pm (JMZ 2122)

EDCP662 Medical Aspects of Disability; (3) REG/AUD. *Prerequisite: EDCP 610 or equivalent.*
0101 **(14740)** Fabian, E.
Th 4:15pm-7:00pm (EDU 4233)

EDCP716 Advanced Counseling Theory Seminar; (3) REG/AUD. *Prerequisite: Master's degree in counseling or permission of department.*
0101 **(14760)** Hershenson, D.
Tu 1:00pm-4:00pm (EDU 0202)

EDCP718 Advanced Seminar in Group Processes; (3) REG/AUD. Restricted to Counseling Psychology Students only.
0101 **(14770)** Phillips, P.
Tu 1:00pm-4:00pm (JMZ 0103)

EDCP738 Practicum in Child Assessment; (3) REG/AUD.
0101 **(14780)** Teglasi-Golubcow, H.
Th 9:00am-12:15pm (EDU 0206)

EDCP775 Facilitating Student Learning in Higher Education; (3) REG/AUD. *Prerequisite: EDCP [illegible]1 or permission of department. Doctoral standing.*
0101 **(14790)** McEwen, M.
M 4:15pm-7:00pm (EDU 0210)

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

EDCP777 *(PermReq)* **Modification of Human Behavior: Laboratory and Practicum; (3)** REG/AUD. *Prerequisites: EDCP ~~6 and permission of department.*
0101 **(14800)** Lent, R.
W 1:00pm-4:00pm (EDU 3236)

EDCP778 Research Proposal Seminar; (3) REG. Limited to EDCP majors.
0201 **(14810)** Heath, T.
W 10:00am-1:00pm (EDU 2102)

EDCP789D Advanced Topics in Counseling and Personnel Services: Student Leadership Development; (3) REG/AUD. Prerequisite: EDCP 771 or equivalent.
0101 **(14820)** Komives, S.
Time and room to be arranged

EDCP789E Advanced Topics in Counseling and Personnel Services: Seminar in Sex and Gender in Counseling Research and Practice; (3) REG/AUD. Limited to Counseling Psychology majors or by permission of instructor.
0101 **(14830)** Fassinger, R.
Th 1:00pm-4:00pm (EDU 0210)

EDCP789I Advanced Topics in Counseling and Personnel Services: Professional Issues in Counseling Psychology; (1) REG. Limited to counseling PSYC majors.
0101 **(14840)** Hoffman, M.
Tu 11:00am-12:45pm (EDU 0210)
0201 **(14841)** Pope-Davis, D.
Tu 11:00am-12:45pm (EDU 2101)

EDCP789L Advanced Topics in Counseling and Personnel Services: Doctoral Seminar in Professional Issues; (1) REG. Limited to CSP doctoral students.
0101 **(14851)** Bagwell, D.
Tu 3:00pm-5:00pm (Arranged)

EDCP789O Advanced Topics in Counseling and Personnel Services: Assessing Outcomes for Minority College Student Populations; (3) REG/AUD.
0101 **(14852)** Heath, T.
W 7:00pm-10:00pm (EDU 3233)

EDCP789P Advanced Topics in Counseling and Personnel Services: School Psychology Seminar; (1) REG.
0101 **(14861)** Rogers, M.
Tu 1:00pm-2:00pm (EDU 0210)

Section 0101 is for first year School Psychology students only.

0201 **(14862)** Rogers, M.
Tu 7:00pm-9:00pm (EDU 3236)

Section 0201 is for second and third year School Psychology students.

EDCP789U *(PermReq)* **Advanced Topics in Counseling and Personnel Services: Capstone Seminar; (3)** REG/AUD. Limited to advanced CSP doctoral students.
0101 **(14872)** Thomas, W.
W 4:15pm-7:00pm (COL 3111)

EDCP798 *(PermReq)* **Special Problems in Counseling and Personnel Services; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCP799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCP888 *(PermReq)* **Apprenticeship in Counseling and Personnel Services; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCP888G Apprenticeship in Counseling and Personnel Services: School Counseling; (1-3) REG. For school counseling students.
0101 **(14993)** Lent, R.
Th 4:15pm-7:00pm (COL 3112)

EDCP888R *(PermReq)* **Apprenticeship in Counseling and Personnel Services; (3)** REG/AUD. For second year Rehabilitation Counseling students only.
0101 **(14994)** STAFF
M 7:00pm-9:45pm (EDU 0210)

EDCP888S Apprenticeship in Counseling and Personnel Services: School Psychology; (1-8) REG/AUD. For school psychology students only.
0101 **(15003)** Rogers, M.
Tu 4:30pm-6:30pm (TWS 2212)

EDCP888U Apprenticeship in Counseling and Personnel Services: College Student Personnel Administration Apprenticeship; (3) REG/AUD.
0101 **(15013)** STAFF
Time and room to be arranged

EDCP889 *(PermReq)* **Internship in Counseling and Personnel Services; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCP889A Internship in Counseling and Personnel Services; (1-8) REG/AUD.
3801 **(15061)** Rogers, M.
Tu 4:30pm-6:30pm (ARC 1125)

EDCP899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDHD Education, Human Development (Education)

EDHD230 Human Development and Societal Institutions; (3) REG/AUD. CORE: SB DIVERSITY
0101 **(15158)** STAFF
TuTh 9:30am-10:45am (SKN 1115)
0201 **(15159)** STAFF
TuTh 12:30pm-1:45pm (EDU 0114)
0301 **(15160)** STAFF
TuTh 11:00am-12:15pm (HBK 0109)

EDHD300E *(PermReq)* **Human Development and Learning; (6)** REG/P-F/AUD. *Prerequisite: admission to teacher education program.*
0201 **(15170)** STAFF
MW 12:00pm-2:00pm (EDU 0114)
F 8:00am-1:00pm (Arranged) Lab
0301 **(15171)** Green, H.
TuTh 10:00am-12:00pm (EDU 3233)
W 8:00am-1:00pm (Arranged) Lab

EDHD306 Study of Human Behavior; (3) REG/AUD.
0101 **(15181)** STAFF
TuTh 2:00pm-3:15pm (ZOP 1236)
0201 **(15182)** STAFF
TuTh 9:30am-10:45am (EDU 1121)
0401 **(15183)** STAFF
MWF 10:00am-10:50am (EDU 2119)

EDHD312 *(PermReq)* **Professional Development Seminar in Early Childhood Education; (3)** REG/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 280. Corequisites: EDCI 313; and EDCI 443A; EDCI 488E; EDHD 419A. For early childhood education majors only. Credit will be granted for only one of the following: EDHD 312 or EDCI 312. Formerly EDCI 312.*
0101 **(15193)** Theimer, C.
M 1:30pm-4:00pm (EDU 4233)
0201 **(15194)** Murphy, K.
M 1:30pm-4:00pm (EDU 3236)

EDHD313 *(PermReq)* **Creative Activities for Young Children; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 280. Corequisites: EDCI 443A; and EDCI 312; and EDCI 488E; and EDHD 419A. For early childhood majors only. Credit will be granted for only one of the following: EDHD 313 or EDCI 313. Formerly EDCI 313.*
0101 **(15203)** Klein, E.
Th 10:00am-12:00pm (EDU 1107)
Time and room to be arranged Lab
0201 **(15204)** Klein, E.
Th 10:00am-12:00pm (EDU 0212)
Time and room to be arranged Lab

EDHD320 Human Development through the Lifespan; (3) REG/AUD.
0101 **(15214)** STAFF
TuTh 11:00am-12:15pm (EDU 1121)
0201 **(15215)** STAFF
TuTh 12:30pm-1:45pm (EDU 3315)
0401 **(15216)** STAFF
MWF 10:00am-10:50am (EDU 3315)

EDHD340 Human Development Aspects of the Helping Relationship; (3) REG/AUD.
0101 **(15226)** Jones, B.
TuTh 2:00pm-3:15pm (JMZ 0125)

EDHD386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

EDHD400 Introduction to Gerontology; (3) REG/AUD.
0101 **(15261)** Smith, G.
M 1:00pm-3:45pm (TWS 0147)

EDHD411 Child Growth and Development; (3) REG/AUD.
0101 **(15271)** STAFF
W 4:15pm-7:00pm (TWS 0138)

EDHD413 Adolescent Development; (3) REG/AUD.
0101 **(15281)** STAFF
Tu 4:15pm-7:00pm (EDU 4233)
0201 **(15282)** STAFF
TuTh 12:30pm-1:45pm (EDU 2119)
0301 **(15283)** Wigfield, A.
MWF 10:00am-10:50am (EDU 4233)
0401 **(15284)** STAFF
MWF 11:00am-11:50am (EDU 4233)

EDHD416 *(PermReq)* **Scientific Concepts in Human Development; (3)** REG/AUD.
0101 **(15294)** STAFF
Tu 9:00am-10:00am (EDU 4233)
Time and room to be arranged Dis
0201 **(15295)** STAFF
Time and room to be arranged

EDHD419A *(PermReq)* **Human Development and Learning in School Settings: Infancy and Preschool; (3)** REG/AUD. Open to pre-early childhood and early childhood education majors only.
0101 **(15304)** Jones, B.
Tu 10:00am-12:00pm (EDU 1107)
MW 9:00am-12:00pm (Arranged) Lab

EDHD420 Cognitive Development and Learning; (3) REG/AUD. *Prerequisite: EDHD 300 or EDHD 320 or EDHD 411 or PSYC 355 or PSYC 341 or permission of department.*
0101 **(15314)** STAFF
MWF 10:00am-10:50am (EDU 0212)
0201 **(15315)** STAFF
MWF 11:00am-11:50am (EDU 0212)

EDHD421 Student Teaching: Preschool; (4) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 314; and EDCI 315; and EDCI 316; and EDCI 31~; and EDHD 419B. For early childhood education majors only. Credit will be granted for only one of the following: EDHD 421 or EDCI 411. Formerly EDCI 411.*
0101 **(15325)** STAFF
Time and room to be arranged

EDHD422 Students Teaching: Kindergarten; (4) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 314; and EDCI 315; and EDCI 316; and EDCI 31~; and EDHD 419B. Corequisites: EDCI 411; and EDCI 413. For early childhood education majors only. Credit will be granted for only one of the following: EDHD 422 or EDCI 412. Formerly EDCI 412.*
0101 **(15335)** STAFF
Time and room to be arranged

EDHD423 Student Teaching: Primary Grades; (8) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 314; and EDCI 315; and EDCI 316; and EDCI 31~; and EDHD 419B. Corequisites: EDCI 411; and EDCI 412. For early childhood education majors only. Credit will be granted for only one of the following: EDHD 423 or EDCI 413. Formerly EDCI 413.*
0101 **(15345)** STAFF
Time and room to be arranged

EDHD430 Adolescent Violence; (3) REG/P-F/AUD. *Prerequisite: PSYC 100 or EDHD 300 or permission of department.*
0101 **(15355)** Marcus, R.
M 4:15pm-7:00pm (TWS 0138)

EDHD445 Guidance of Young Children; (3) REG/AUD. *Prerequisite: PSYC 100 or EDHD 306 or permission of department.*
0101 **(15365)** STAFF
Tu 4:15pm-7:00pm (TWS 0147)
0201 **(15366)** Marcus, R.
TuTh 2:00pm-3:15pm (EDU 3315)
0401 **(15367)** Marcus, R.
TuTh 11:00am-12:15pm (EDU 2119)

EDHD460 Educational Psychology; (3) REG/AUD. *Prerequisite: PSYC 100 or EDHD 306 or permission of department.*
0101 **(15377)** Alexander, P.
TuTh 2:00pm-3:15pm (EDU 4233)
0201 **(15378)** STAFF
Th 7:00pm-9:45pm (EDU 3236)

EDHD489 *(PermReq)* **Field Experiences in Education; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD498 *(PermReq)* **Special Problems in Education; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD600 Introduction to Human Development and Child Study; (3) REG/AUD.
0101 **(15439)** STAFF
Tu 4:15pm-7:00pm (EDU 3315)

EDHD601 Biological Bases of Behavior; (3) REG/AUD. *Pre- or corequisite: EDHD 600.*
0101 **(15449)** Bennett, S.
Th 4:15pm-7:00pm (EDU 3315)

EDHD602 Social Bases of Behavior; (3) REG/AUD.
0101 **(15460)** Nettles, S.
W 4:15pm-7:00pm (EDU 3315)

EDHD605 Curriculum in Early Childhood Education; (3) REG/AUD. *Credit will be granted for only one of the following: EDHD 605 or EDCI 610. Formerly EDCI 610.*
0101 **(15480)** Seefeldt, C.
M 4:15pm-7:00pm (EDU 3236)

EDHD611 Cultural and Contextual Influences on the Young Child; (3) REG/S-F. *Not open to students who have completed EDCI 611. Credit will be granted for only one of the following: EDHD 611 or EDCI 611. Formerly EDCI 611.*
0101 **(15490)** Killen, M.
Tu 4:15pm-7:00pm (TWS 0135)

EDHD613 Advanced Laboratory in Behavior Analysis I; (3) REG/AUD.
0101 **(15500)** Rubin, K.
W 12:15pm-3:00pm (EDU 2101)

EDHD620 Aging in the Cultural Context; (3) REG/AUD.
0101 **(15510)** Smith, G.
Th 7:00pm-9:45pm (EDU 1315)

EDHD692 *(PermReq)* **Cognitive Basis of Instruction; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(15520)** Byrnes, J.
W 1:00pm-3:45pm (EDU 1107)

EDHD700 Infant Development; (3) REG/AUD.
0101 **(15530)** Fox, N.
M 2:30pm-4:45pm (EDU 1108)

EDHD713 Research in Early Childhood Education; (3) REG/AUD. *Prerequisite: EDMS 645 or permission of department. Credit will be granted for only one of the following: EDHD ~13 or EDCI ~13. Formerly EDCI ~13.*
0101 **(15540)** Klein, E.
M 4:15pm-7:00pm (TWS 2212)

EDHD721 Learning Theory and the Educative Process I; (3) REG/AUD.
0101 **(15550)** Eliot, J.
Th 7:00pm-9:45pm (EDU 3315)
0201 **(15551)** Metsala, J.
W 4:15pm-7:00pm (EDU 4233)

EDHD722 Learning Theory and the Educative Process II; (3) REG/AUD. *Prerequisite: EDHD ~21 or permission of department.*
0101 **(15561)** Eliot, J.
Tu 4:15pm-7:00pm (JMZ 0202)

EDHD779A Special Topics in Human Development: Advanced Seminar in Educational Psychology; (3) REG/AUD.
0101 **(15571)** Alexander, P.
Tu 4:15pm-7:00pm (JMZ 0125)

EDHD779E *(PermReq)* **Special Topics in Human Development: Developmental Lab; (3)** REG/AUD.
0101 **(15581)** Fox, N.
Time and room to be arranged

EDHD779L *(PermReq)* **Special Topics in Human Development: Laboratory in Developmental Psychophysiology; (1-3)** REG/AUD.
0101 **(15591)** Porges, S.
Time and room to be arranged
0201 **(15592)** Fox, N.
Time and room to be arranged

EDHD779M Special Topics in Human Development: Social Reasoning and Intergroup Relations; (3) REG/AUD.
0101 **(15602)** Killen, M.
Th 1:00pm-3:00pm (ARC 1123)

EDHD780 Research Methods in Human Development; (3) REG/AUD. *Prerequisite: EDMS 651 or permission of department.*
0101 **(15612)** Byrnes, J.
M 7:00pm-9:45pm (EDU 3236)

EDHD789 *(PermReq)* **Internship in Human Development; (3-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD798 *(PermReq)* **Special Problems in Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors.

EDHD799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors.

EDHD810 Physical Processes in Human Development I; (3) REG/AUD. *Prerequisite: EDHD 601 or permission of department.*
0101 **(15697)** Porges, S.
Tu 4:15pm-7:00pm (EDU 3236)

EDHD820 Socialization Processes in Human Development I; (3) REG/AUD. *Prerequisite: EDHD 602 or permission of department.*
0101 **(15707)** Rubin, K.
W 4:15pm-7:00pm (EDU 2102)

EDHD830 Self Processes in Human Development I; (3) REG/AUD. *Prerequisite: EDHD 603 or permission of department.*
0101 **(15717)** Wigfield, A.
M 4:15pm-7:00pm (EDU 4233)

EDHD878 Team Research in Human Development; (3) REG/AUD.
0101 **(15727)** Metsala, J.
Th 1:00pm-3:45pm (EDU 0202)
0201 **(15728)** Torney-Purta, J.
W 4:15pm-7:00pm (ASY 3211)
0301 **(15729)** Flatter, C.
Tu 4:15pm-7:00pm (JMZ 0118)

EDHD888 *(PermReq)* **Apprenticeship in Education; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD889 *(PermReq)* **Internship in Education; (3-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors.

EDMS Measurement, Statistics, and Evaluation (Education)

EDMS410 Classroom Assessment; (3) REG/AUD. *Junior standing.*
0101 **(15863)** Stapleton, L.
TuTh 2:30pm-3:45pm (EDU 3233)
0201 **(15864)** STAFF
MW 4:15pm-5:30pm (ASY 3221)
0301 **(15865)** Alvestad, K.
Th 4:15pm-7:00pm (ASY 3207)

EDMS451 Introduction to Educational Statistics; (3) REG/AUD. *Junior standing.*
0101 **(15875)** Nevitt, J.
TuTh 2:00pm-3:15pm (EDU 1107)
0201 **(15876)** Berkovits, I.
TuTh 5:00pm-6:15pm (COL 3111)
0301 **(15877)** Nevitt, J.
TuTh 12:30pm-1:45pm (EDU 1107)
0401 **(15878)** Braaten, K.
MW 12:30pm-1:45pm (EDU 0212)
0501 **(15879)** Braaten, K.
MW 2:00pm-3:15pm (EDU 0212)

EDMS623 Applied Measurement: Issues and Practices; (3) REG/AUD. *Prerequisite: EDMS 651 or permission of department.* Course is offered in the fall semester only.
0101 **(15889)** Deayala, R.
Th 4:15pm-7:00pm (EDU 0114)

EDMS645 Quantitative Research Methods I; (3) REG/AUD.
0101 **(15899)** Johnson, C.
Tu 4:15pm-7:00pm (EDU 2119)
0102 **(15900)** Johnson, C.
W 4:15pm-7:00pm (EDU 1121)
0103 **(15901)** Johnson, C.
Th 4:15pm-7:00pm (EDU 2119)
0104 **(15902)** Macready, G.
M 4:15pm-7:00pm (EDU 2119)

EDMS646 Quantitative Research Methods II; (3) REG/AUD. *Prerequisite: EDMS 645.*
0101 **(15912)** Deayala, R.
Tu 4:15pm-7:00pm (EDU 0212)
0102 **(15913)** Hancock, G.
W 4:15pm-7:00pm (EDU 2119)

EDMS647 Introduction to Program Evaluation; (3) REG/AUD. *Prerequisite: EDMS 645.* Course is offered in the fall semester only.
0101 **(15923)** Lissitz, R.
Tu 4:15pm-7:00pm (COL 3110)

EDMS651 Intermediate Statistics in Education; (3) REG/AUD. *Prerequisite: EDMS 646 or equivalent.* Concurrent registration for 1 credit of EDMS 779 required for department majors.
0101 **(15933)** Schafer, W.
TuTh 5:00pm-6:15pm (EDU 1107)

EDMS653 Correlation and Regression Analysis; (3) REG/AUD. *Prerequisite: EDMS 651.*
0101 **(15943)** Dayton, C.
Th 4:15pm-7:00pm (EDU 1121)

EDMS657 Factor Analysis; (3) REG/AUD. *Prerequisite: EDMS 651.*
0101 **(15953)** Hancock, G.
M 4:15pm-7:00pm (EDU 3233)

EDMS723 Latent Structure Models; (3) REG/AUD. *Prerequisites: EDMS 623; and EDMS 651.*
0101 **(15963)** Macready, G.
Tu 4:15pm-7:00pm (TWS 0131)

CORE Codes ... **CS** - Capstone **HL** - Humanities and the Arts, Literature **HA** - Humanities and the Arts, History or Theory of the Arts
HO - Humanities and the Arts, Humanities **PS** - Mathematics and the Sciences, Physical Sciences (Non-Lab)
PL - Mathematics and the Sciences, Physical Sciences (Lab)

EDMS779 *(PermReq)* **Seminar in Applied Statistics; (1-3)** REG/AUD. EDMS majors must sign up for one credit concurrently with EDMS 651. Concurrently with EDMS 651.
0601 **(15973)** Schafer, W.
Time and room to be arranged

EDMS798 Special Problems in Education; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDMS799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDMS889 Internship in Measurement and Statistics; (3-8) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDMS899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDPA Education Policy, Planning and Administration (Education)

EDPA301 *(PermReq)* **Foundations of Education; (3)** REG/P-F/AUD. *Prerequisite: junior standing and admission to teacher education; or Bachelor's degree with permission of department.* Sections 0101, 0201, 0301, and 0501 are restricted to students with junior standing who have been granted full admission to teacher education.
0101 **(16060)** Herschbach, D.
MW 9:30am-10:45am (EDU 1107)
0201 **(16061)** Herschbach, D.
MW 11:00am-12:15pm (EDU 1107)
0301 **(16062)** STAFF
MW 2:00pm-3:15pm (EDU 3315)
0401 **(16063)** Baytop, P.
TuTh 9:30am-10:45am (EDU 2119)
0501 **(16064)** Splaine, J.
TuTh 12:30pm-1:45pm (EDU 3233)
0601 **(16065)** STAFF
Th 7:00pm-9:45pm (EDU 3233)

EDPA386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

EDPA489 Field Experiences in Education; (1-4) REG/P-F/AUD. Interns in Administration register for section 1901. All others contact department or faculty member for individual faculty section number.
1901 **(16116)** Andrews, J.
Time and room to be arranged

EDPA498 *(PermReq)* **Special Problems in Education; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDPA614 Politics of Education; (3) REG/AUD.
0101 **(16160)** Malen, B.
M 7:00pm-9:45pm (EDU 2102)

EDPA623 Education Policy and Theories of Change; (3) REG/AUD.
0101 **(16170)** Huden, D.
Th 4:15pm-7:00pm (EDU 2101)

EDPA624 Culture in Education Policy and Practice; (3) REG/AUD.
0101 **(16180)** Finkelstein, B.
W 4:15pm-7:00pm (TWS 0131)

EDPA642 Management of Change in Educational Organizations; (3) REG/AUD.
0101 **(16190)** Mintrop, H.
Tu 4:15pm-7:00pm (EDU 0114)

EDPA643 Management of Human Resources In Education; (3) REG/AUD.
0101 **(16200)** Andrews, J.
Th 7:00pm-9:45pm (EDU 2101)

EDPA650 Professional Seminar in Higher and Adult Education; (3) S-F.
0101 **(16210)** Fries-Britt, S.
Tu 4:15pm-7:00pm (TWS 0138)

EDPA651 Higher Education Law; (3) REG/AUD.
0101 **(16220)** Clague, M.
Tu 7:00pm-9:45pm (EDU 4233)

EDPA653 Organization and Administration of Higher Education; (3) REG/AUD.
0101 **(16230)** Birnbaum, R.
M 4:15pm-7:00pm (TWS 0147)

EDPA679 Master's Seminar; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDPA690 Research in Education Policy, Planning and Administration; (3) REG/AUD.
0101 **(16240)** Croninger, R.
Th 7:00pm-9:45pm (EDU 2119)

EDPA705 International Educational Change; (3) REG/AUD.
0101 **(16250)** Huden, D.
Tu 7:00pm-9:45pm (EDU 2101)

EDPA706 Education in Developing Countries; (3) REG/AUD.
0101 **(16260)** Hopkins, R.
Tu 4:15pm-7:00pm (EDU 2101)

EDPA747 Advanced Seminar on Instructional Improvement; (3) REG/AUD. *Prerequisites: EDPA 647; or permission of department.*
OU11 **(16271)** Collinson, V.
Time and room to be arranged
0101 **(16270)** Collinson, V.
W 4:15pm-7:00pm (EDU 2101)

EDPA752 State Systems of Higher Education; (3) REG/AUD.
0101 **(16280)** Berdahl, R.
W 7:00pm-9:45pm (EDU 2101)

EDPA757 College Teaching; (3) REG/AUD.
0101 **(16290)** Selden, S.
W 4:15pm-7:00pm (TWS 0147)

EDPA788A Special Topics in Education Policy and Administration: Institutional Policy Making in Higher Education; (3) REG/AUD.
0101 **(16300)** Presley, J.
Th 7:00pm-9:45pm (EDU 4233)

EDPA788B Special Topics in Education Policy and Administration: Retention Theories and Policy Implications - Part I; (3) REG/AUD.
0101 **(16310)** Fries-Britt, S.
M 7:00pm-9:45pm (EDU 2101)

EDPA788C Special Topics in Education Policy and Administration: Educational Equity: Policy Issues in Race, Class, and Gender; (3) REG/AUD.
0101 **(16320)** Croninger, R.
M 4:15pm-7:00pm (EDU 1315)

EDPA788K Special Topics in Education Policy and Administration: The Purposes of the University; (3) REG/AUD.
0101 **(51799)** Fallon, D.
M 7:00pm-9:30pm (VMH 1107)

EDPA788N Special Topics in Education Policy and Administration: Learning Communities; (3) REG/AUD.
0101 **(16330)** Mintrop, H.
W 7:00pm-9:45pm (EDU 2102)

EDPA788Q Special Topics in Education Policy and Administration: Computer-Assisted Qualitative Research Analysis; (3) REG/AUD.
0101 **(16331)** Enomoto, E.
M 7:00pm-9:45pm (EDU 3233)

EDPA788S Special Topics in Education Policy and Administration: Education Policy Analysis I: Education Policy, Polity, and Markets; (3) REG/AUD.
0101 **(16340)** Rice, J.
M 4:15pm-7:00pm (EDU 0206)

EDPA788T Special Topics in Education Policy and Administration: Organizational Theory; (3) REG/AUD.
0101 **(16350)** Enomoto, E.
Th 4:15pm-7:00pm (EDU 3236)

EDPA798 *(PermReq)* **Special Problems in Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDPA799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDPA811 Seminar in History of Education; (3) REG/AUD.
0101 **(16418)** Finkelstein, B.
Th 7:00pm-9:45pm (EDU 1107)

EDPA837 Curriculum Theory and Research; (3) REG/AUD. *Prerequisite: EDPA 635.*
0101 **(16428)** Selden, S.
M 7:00pm-9:45pm (EDU 2119)

EDPA852 History of Ideas in Higher Education; (3) REG/AUD.
0101 **(16438)** Birnbaum, R.
Th 4:15pm-7:00pm (TWS 0138)

EDPA861 *(PermReq)* **Seminar: Research in School Effectiveness; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(16448)** Goldman, H.
Tu 7:00pm-9:45pm (EDU 2102)

EDPA889 *(PermReq)* **Internship in Education; (3-8)** REG/AUD. Interns in Administration register in section 1901; interns in higher education in section 0301; all others contact department or faculty member for individual section number.
0301 **(16461)** Berdahl, R.
Time and room to be arranged
1901 **(16477)** Andrews, J.
Time and room to be arranged

EDPA895 Research Critique Seminar; (3) REG/AUD.
0101 **(16498)** Malen, B.
W 4:15pm-7:00pm (EDU 3233)

EDPA899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDSP Education, Special (Education)

EDSP210 Introduction to Special Education; (3) REG/AUD.
0101 **(16587)** Malmgren, K.
TuTh 2:00pm-3:30pm (EDU 2119)

EDSP320 *(PermReq)* **Introduction to Assessment in Special Education; (3)** REG/AUD. *Prerequisite: EDSP 210. Pre- or corequisite: EDSP 321; and EDSP 322. Recommended: STAT 100 or SOCY 201. For EDSP majors only.*
0101 **(16597)** Speece, D.
MW 1:15pm-2:45pm (EDU 2119)

EDSP321 *(PermReq)* **Comparative Approaches to Behavior and Classroom Management in Special Education; (3)** REG/AUD. *Prerequisite: EDSP 210. Pre- or corequisites: EDSP 320; and EDSP 322.* For EDSP majors only.
0101 **(16607)** Egel, A.
MW 2:45pm-4:15pm (EDU 2119)

EDSP322 Field Placement in Special Education I; (3) REG/AUD. *Pre- or corequisites: EDSP 320; and EDSP 321. For EDSP majors only.* Students must reserve two half-days (8-1) for this experience.
0101 **(16617)** Strong, B.
F 10:00am-12:00pm (EDU 1121)
MW 8:00am-1:00pm (Arranged) Lab
0201 **(16618)** Strong, B.
F 10:00am-12:00pm (EDU 1121)
TuTh 8:00am-1:00pm (Arranged) Lab
0301 **(16619)** Strong, B.
F 10:00am-12:00pm (EDU 1121)
MW 8:00am-1:00pm (Arranged) Lab
0401 **(16620)** Strong, B.
F 10:00am-12:00pm (EDU 1121)
TuTh 8:00am-1:00pm (Arranged) Lab

EDSP376 Fundamentals of Sign Language; (3) REG/P-F/AUD.
0101 **(16630)** Aiello, E.
MW 4:15pm-5:30pm (EDU 1107)
0201 **(16631)** Aiello, E.
MW 5:45pm-7:00pm (EDU 1107)

EDSP400 Assessment, Curriculum and Instructional Methods For Students with Severe Disabilities; (3) REG/AUD. *Corequisites: {EDSP 402 or EDSP 431} or permission of department.* Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 402 or EDSP 431.
0101 **(16641)** Kohl, F.
W 4:15pm-7:00pm (EDU 0212)

EDSP402 Field Placement: Severe Disabilities I; (4) REG/AUD. *Pre- or corequisites: {EDSP 400; and EDSP 404} or permission of department.* Students must reserve three half-days (8-1) for this experience.
0101 **(16651)** Kohl, F.
F 8:00am-9:30am (EDU 2102)
MTuW 8:00am-1:00pm (Arranged) Lab

EDSP402A Field Placement: Severe Disabilities I; (2-5) REG/AUD. *Pre- or corequisites: {EDSP 400; and EDSP 404} or permission of department.* Graduate students only. Contact department to make arrangements.
0101 **(16661)** STAFF
Time and room to be arranged Lab
0201 **(16662)** STAFF
Time and room to be arranged Lab
0301 **(16663)** STAFF
Time and room to be arranged Lab
0401 **(16664)** STAFF
Time and room to be arranged Lab

EDSP404 Education of Students with Autism; (3) REG/AUD. *Pre- or corequisites: {EDSP 400 and EDSP 402} or permission of department.* Practicum required. Placement arranged for students not concurrently enrolled in EDSP 402.
0101 **(16674)** Egel, A.
M 4:15pm-7:00pm (EDU 0212)

EDSP411 Field Placement: Severe Disabilities III; (4) REG/AUD. *Prerequisite: EDSP 405. Pre- or corequisites: {EDSP 412; and (EDSP 420 or EDSP 460)} or permission of department.* Students must reserve three half-days (8-1) for this experience.
0101 **(16684)** Kohl, F.
Time and room to be arranged
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP411A Field Placement: Severe Disabilities III; (2-5) REG/AUD. *Prerequisite: EDSP 405. Pre- or corequisites: {EDSP 412; and (EDSP 420 or EDSP 460)} or permission of department.* Graduate students only. Contact department to make arrangements.
0101 **(16694)** STAFF
Time and room to be arranged Lab
0201 **(16695)** STAFF
Time and room to be arranged Lab
0301 **(16696)** STAFF
Time and room to be arranged Lab
0401 **(16697)** STAFF
Time and room to be arranged Lab

EDSP412 Vocational and Transitional Instruction for Students with Severe Disabilities; (3) REG/AUD. *Corequisites: {EDSP 411 or EDSP 465} or permission of department.* Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 411 or EDSP 465.
0101 **(16707)** Moon, M.
Tu 4:15pm-7:00pm (EDU 0202)

EDSP420 Developmental and Behavioral Characteristics of Nonhandicapped and Handicapped Infants and Young Children; (3) REG/AUD. *Corequisites: {EDSP 421 or EDSP 411} or permission of department.* Practicum required. Placement arranged for students not concurrently enrolled in EDSP 421 or EDSP 411.
0101 **(16717)** Beckman, P.
Th 4:15pm-7:00pm (EDU 1315)

EDSP421 Field Placement: Early Childhood Special Education I; (3) REG/AUD. *Pre- or corequisite: EDSP 420; and EDCI 410.* Students must reserve two half-days (8-1) for this experience.
0101 **(16727)** Beckman, P.
F 10:30am-12:00pm (EDU 1210B)
MW 8:00am-1:00pm (Arranged) Lab
0201 **(16728)** Beckman, P.
F 10:30am-12:00pm (EDU 1210B)
TuTh 8:00am-1:00pm (Arranged) Lab

EDSP421A Field Placement: Early Childhood Special Education I; (2-3) REG/AUD. *Pre- or corequisite: EDSP 420; and EDCI 410.* Graduate students only. Contact department to make arrangements.
0101 **(16738)** STAFF
Time and room to be arranged Lab
0201 **(16739)** STAFF
Time and room to be arranged Lab
0301 **(16740)** STAFF
Time and room to be arranged Lab
0401 **(16741)** STAFF
Time and room to be arranged Lab

EDSP423 Assessment of Preschool Handicapped Children and Infants; (3) REG/AUD. *Prerequisites: EDSP 330; and EDSP 422. Corequisites: EDSP 430; and EDSP 431; and EDSP 400 or EDSP 441.*
0101 **(16751)** Lieber, J.
W 4:15pm-7:00pm (EDU 0211)

EDSP430 Intervention Techniques and Strategies For Preschool Handicapped Children and Infants(Severe to Moderate, Birth-6 Years); (3) REG/AUD. *Prerequisites: EDSP 330; and EDSP 422. Corequisites: EDSP 423; and EDSP 431; and {EDSP 400 or EDSP 441}.* Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 431.
0101 **(16761)** Beckman, P.
Tu 4:15pm-7:00pm (EDU 1315)

EDSP431 Field Placement: Early Childhood Special Education III (Severe to Moderate); (4) REG/AUD. *Prerequisite: EDSP 424 or permission of department. Pre- or corequisites: EDSP 430; and EDSP 423; and (EDSP 400 or EDSP 441).* Students must reserve three half-days (8-1) for this experience.
0101 **(16771)** Beckman, P.
F 10:30am-12:00pm (EDU 0202)
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP431A Field Placement: Early Childhood Special Education III (Severe to Moderate); (2-4) REG/AUD. *Prerequisite: EDSP 424 or permission of department. Pre- or corequisites: EDSP 430; and EDSP 423; and (EDSP 400 or EDSP 441).* Graduate students only. Contact department to make arrangements.
0101 **(16781)** STAFF
Time and room to be arranged Lab
0201 **(16782)** STAFF
Time and room to be arranged Lab
0301 **(16783)** STAFF
Time and room to be arranged Lab
0401 **(16784)** STAFF
Time and room to be arranged Lab

EDSP441 Assessment and Instructional Design for the Educationally Handicapped: Oral Language and Communication Disorders; (3) REG/AUD. *Corequisites: {EDSP 442 or EDSP 431} or permission of department.* Practicum required. Placement arranged for students not concurrently enrolled in EDSP 442 or EDSP 431.
0101 **(16794)** STAFF
MW 2:45pm-4:15pm (TWS 2228)

EDSP442 Field Placement: Educationally Handicapped I; (3) REG/AUD. *Pre- or corequisite: {EDSP 441 and EDCI 456} or permission of department.* Students must reserve two half-days (8-1) for this experience.
0101 **(16804)** Graham, S.
F 10:30am-12:00pm (EDU 0114)
MW 8:00am-1:00pm (Arranged) Lab
0201 **(16805)** Graham, S.
F 10:30am-12:00pm (EDU 0114)
TuTh 8:00am-1:00pm (Arranged) Lab

EDSP442A Field Placement: Educationally Handicapped I; (2-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Pre- or corequisite: {EDSP 441 and EDCI 456} or permission of department.* Graduate students only Contact department to make arrangements.

EDSP445A Field Placement: Educationally Handicapped II; (2-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: EDSP 442 or permission of department. Pre- or corequisites: {EDSP 330; and EDSP 440; and EDSP 443}.* Special education graduate students only.

EDSP446 Instructional Design for the Educationally Handicapped: Functional Living Skills; (3) REG/AUD. *Pre- or corequisites: {EDSP 447 or EDSP 465} or permission of department.*
0101 **(16830)** STAFF
MW 2:45pm-4:15pm (EDU 1121)

EDSP447 Field Placement: Educationally Handicapped III; (4) REG/AUD. *Prerequisite: EDSP 445 or permission of department. Pre- or corequisites: EDSP 446; and EDSP 450; and EDSP 460.* Students must reserve three half-days (8-1) for this experience.
0101 **(16840)** Graham, S.
F 10:30am-12:00pm (EDU 0206)
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP447A Field Placement: Educationally Handicapped III; (2-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: EDSP 445 or permission of department. Pre- or corequisites: EDSP 446; and EDSP 450; and EDSP 460.* Graduate students only. Contact department to make arrangements.

EDSP450 Inclusive Practices in the Schools; (3) REG/AUD. *Corequisite: EDSP 411 or EDSP 431 or EDSP 447 or EDSP 465.*
0101 **(16858)** Gruber, B.
TuTh 2:45pm-4:15pm (EDU 2102)

EDSP460 Introduction to Secondary/Transition Special Education; (3) REG/AUD. *Corequisites: {EDSP 461 or EDSP 411 or EDSP 447} or permission of department. For EDSP majors only.* Completion of EDSP 600 or 210 recommended for graduate students. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 461 or EDSP 411 or EDSP 447.
0101 **(16868)** Neubert, D.
TuTh 1:15pm-2:45pm (EDU 2102)

EDSP461 Field Placement: Secondary/Transition I; (3) REG/AUD. *Pre- or corequisite: EDSP 460. For EDSP majors only.* Students must reserve two half-days (8-1) for this experience.
0101 **(16878)** Neubert, D.
F 8:00am-10:30am (EDU 2101)
MW 8:00am-1:00pm (Arranged) Lab
0201 **(16879)** Neubert, D.
F 10:30am-12:00pm (EDU 2101)
TuTh 8:00am-1:00pm (Arranged) Lab

EDSP461A Field Placement: Secondary/Transition I; (2-4) REG/AUD. *Pre- or corequisite: EDSP 460. For EDSP majors only.* Graduate students only. Contact department to make arrangements.
0201 **(16889)** STAFF
Time and room to be arranged Lab

EDSP464 Secondary and Transition Methods in Special Education; (3) REG/AUD. *Prerequisite: EDSP 462 or permission of department.*
0101 **(16899)** Neubert, D.
Tu 4:15pm-7:00pm (EDU 0211)
0201 **(16900)** Neubert, D.
Time and room to be arranged

EDSP465 Field Placement: Secondary/Transition III; (4) REG/AUD. *Prerequisite: EDSP 463. Pre- or corequisite: EDSP 464. For EDSP majors only.* Students must reserve three half-days (8-1) for this experience.
0201 **(16910)** Neubert, D.
F 10:30am-12:00pm (EDU 2102)
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP465A Field Placement: Secondary/Transition III; (2-4) REG/AUD. *Prerequisite: EDSP 463. Pre- or corequisite: EDSP 464. For EDSP majors only.* Graduate students only. Contact department to make arrangements.
0101 **(16920)** STAFF
Time and room to be arranged Lab

EDSP470 Introduction to Special Education; (3) REG/AUD. Not open to undergraduate special education or pre-special education majors.
0101 **(16930)** Malmgren, K.
Th 4:15pm-7:00pm (EDU 0212)
0201 **(16931)** Henderson, K.
W 7:00pm-9:45pm (EDU 1315)

EDSP489 Field Experiences in Special Education; (1-4) REG/AUD.
0101 **(16951)** Strong, B.
Time and room to be arranged
0901 **(16952)** Leone, P.
Time and room to be arranged

EDSP491 Characteristics of Learning Disabled Students; (3) REG/P-F/AUD. *Prerequisite: EDSP 470 or permission of department.*
0101 **(16962)** STAFF
Tu 4:15pm-7:00pm (JMZ 0122)

EDSP498 *(PermReq)* **Special Problems in Special Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDSP498B *(PermReq)* **Special Problems in Special Education: Career Development and Advising; (1-6)** REG/P-F/AUD. Limited to pre-special and special education majors.
0101 **(16994)** Molloy, M.
F 12:00pm-2:00pm (Arranged)

EDSP600 *(PermReq)* **Exceptional Children and Youth; (3)** REG/AUD. *Prerequisite: 9 hours in special education and permission of department.*
0101 **(17004)** Cooper, D.
Tu 4:15pm-7:00pm (JMZ 0120)

EDSP601 Characteristics of Behaviorally Disordered Students; (3) REG/AUD. *Prerequisite: EDSP 600 or permission of department.*
0101 **(17014)** Leone, P.
W 4:15pm-7:00pm (EDU 1308)

EDSP615 Evaluation and Measurement of Exceptional Children and Youth; (3) REG/AUD. *Prerequisites: {EDMS 446; and EDMS 646; and EDSP 600} or permission of department.*
0101 **(17024)** Cooper, D.
Th 4:15pm-7:00pm (EDU 0211)

EDSP625 Seminar on Severely Handicapping Conditions; (3) REG/AUD. *Prerequisite: EDSP 600 or permission of department.*
0101 **(17034)** Kohl, F.
M 7:00pm-9:45pm (EDU 1315)

EDSP665 Working with Families of Handicapped Children and Youth; (3) REG/AUD. *Prerequisite: EDSP 600 or permission of department.*
0101 **(17044)** Moon, M.
M 4:15pm-7:00pm (EDU 0202)

EDSP675 *(PermReq)* **Policy Issues Impacting Persons with Disabilities; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(17064)** McLaughlin, M.
Tu 4:15pm-7:00pm (ARC 1127)

EDSP798 *(PermReq)* **Special Problems in Special Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDSP799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDSP860 Doctoral Research Seminar; (3) REG/AUD.
0101 **(17116)** Lieber, J.
Th 4:15pm-7:00pm (ASY 3221)

EDSP888 *(PermReq)* **Apprenticeship in Special Education; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only. There is a $170 lab fee assigned to this course.

EDSP889 *(PermReq)* **Internship in Special Education; (3-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDSP899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDUC Education
(Education)

EDUC388 *(PermReq)* **Special Topics in Education: Guided Experience In College Teaching; (3)** REG. Course restricted to students approved as undergraduate teaching assistants. Should be taken concurrently with EDCI 498, section 6601 for 1 credit. Section 0201 will be team taught by G. Strumpf and M. Wawrzynski.
0101 **(17232)** Greenberg, J.
M 4:00pm-6:00pm (EDU 3315)
Time and room to be arranged Dis
0201 **(17233)** Wawrzynski, M.
Tu 2:00pm-4:00pm (JMZ 1122)
Time and room to be arranged Dis

EDUC388H Special Topics in Education: Honors Synthesis Seminar; (2) REG. Seminar restricted to students admitted to the College of Education Honors Program.
0101 **(17242)** Fassinger, R.
Tu 4:00pm-6:00pm (EDU 3233)

EDUC499H *(PermReq)* **Honors Thesis; (1-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Course restricted to students admitted to College of Education honors program.

ENAE Engineering, Aerospace
(Engineering)

ENAE100 *(PermReq)* **The Aerospace Engineering Profession; (1)** REG/P-F/AUD. *Recommended: ENES 100 and MATH 140.*
0101 **(17338)** STAFF
Tu 12:00pm-1:15pm (CHM 0127)

ENAE261 Aerospace Analysis and Computation; (3) REG/P-F/AUD. *Prerequisites: CHEM 103, ENES 100, ENES 102, and PHYS 161. Corequisite: MATH 241. ENAE majors only or permission of department.*
0101 **(17348)** STAFF
MWF 9:00am-9:50am (JMP 2229)

ENAE281 Fundamentals of Aeronautical Systems; (3) REG/P-F/AUD. *Prerequisites: ENES 100; and ENES 102. Corequisites: ENAE 261 and PHYS 262. ENAE majors only or permission of department.*
0101 **(17358)** Anderson, J.
TuTh 11:00am-12:15pm (CHM 0122)

ENAE301 Dynamics of Aerospace Systems; (3) REG/P-F/AUD. *Prerequisites: ENAE 281; and ENAE 282; and ENES 221; and MATH 246; and PHYS 263. Corequisite: ENAE 321. ENAE majors only or permission of department.*
0101 **(17368)** Russell, H.
TuTh 9:30am-10:45am (JMP 3104)

ENAE311 Aerodynamics I; (3) REG. *Prerequisites: ENAE 281; and ENES 221; and MATH 246. Corequisite: ENME 223. ENAE majors only or permission of department.*
0101 **(17378)** Korkegi, R.
TuTh 12:30pm-1:45pm (ERB 0305)

ENAE321 Aerospace Structures I; (3) REG/P-F/AUD. *Prerequisites: ENAE 281; and ENAE 282; and MATH 246. ENAE majors only or permission of department.*
0101 **(17388)** Bowden, M.
MW 11:00am-11:50am (CHM 2201)
F 1:00pm-1:50pm (CHM 2201)

ENAE362 Aerospace Instrumentation and Experimentation; (3) REG/P-F/AUD. *Prerequisites: grades of C or better in PHYS 263, ENAE 261, ENAE 281, ENAE 282, ENES 221, and MATH 246. Corequisites: ENME 232, ENAE 301, ENAE 311, and ENAE 321. Junior standing. For ENAE majors only.*
0101 **(17398)** Winkelmann, A.
MW 1:00pm-1:50pm (EGR 3102)
M 2:00pm-5:00pm (EGR 2112) Lab
0102 **(17399)** Winkelmann, A.
MW 1:00pm-1:50pm (EGR 3102)
Tu 2:00pm-5:00pm (EGR 1110) Lab
0103 **(17400)** Winkelmann, A.
MW 1:00pm-1:50pm (EGR 3102)
W 2:00pm-5:00pm (EGR 0102) Lab
0104 **(17401)** Winkelmann, A.
MW 1:00pm-1:50pm (EGR 3102)
Th 2:00pm-5:00pm (EGR 1110) Lab

ENAE403 Aircraft Flight Dynamics; (3) REG/P-F/AUD. *Prerequisites: ENAE 432; and ENAE 414. ENAE majors only or permission of department.*
0101 **(17411)** STAFF
TuTh 3:30pm-4:45pm (JMP 2229)

ENAE423 Aerostructures III; (3) REG/P-F/AUD. *Prerequisite: ENAE 322. ENAE majors only or permission of department.*
0101 **(17441)** Lee, S.
MWF 11:00am-11:50am (ERB 0305)

ENAE441 Space Navigation and Guidance; (3) REG/P-F/AUD. *Prerequisites: ENAE 432 and ENAE 404. ENAE majors only or permission of department.*
0101 **(17451)** Pines, D.
MWF 10:00am-10:50am (CHE 2110)

ENAE455 Aircraft Propulsion and Power; (3) REG/P-F/AUD. *Prerequisite: ENAE 414. ENAE majors only or permission of department.*
0101 **(17461)** Lewis, M.
MW 2:00pm-3:15pm (ERB 0305)

ENAE457 Space Propulsion and Power; (3) REG/P-F/AUD. *Prerequisites: ENAE 311 and PHYS 263. ENAE majors only or permission of department. Senior standing.*
0101 **(17471)** Waltrup, P.
TuTh 8:00am-9:15am (EGR 1106)

ENAE481 Principles of Aircraft Design; (3) REG/P-F/AUD. *Prerequisites: ENAE 322; and ENAE 432; and ENAE 362; and ENAE 414. ENAE majors only or permission of department.*
0101 **(17481)** Winkelmann, A.
MWF 8:00am-8:50am (EGR 0108)

ENAE483 Principles of Space Systems Design; (3) REG/P-F/AUD. *Prerequisites: ENAE 322; and ENAE 432; and ENAE 362; and ENAE 404. ENAE majors only or permission of department.*
0101 **(17491)** Akin, D.
TuTh 11:00am-12:15pm (EGR 0104)

ENAE488F Topics in Aerospace Engineering: Composite Structures; (3) REG/AUD.
0101 **(17501)** Vizzini, A.
MW 2:00pm-3:15pm (JMP 3104)

ENAE488W *(PermReq)* **Topics in Aerospace Engineering: Introduction to the Design of Remotely Piloted Vehicles; (3)** REG/P-F/AUD.
0101 **(17511)** Winkelmann, A.
MWF 9:00am-9:50am (EGR 3111)

ENAE499 *(PermReq)* **Elective Research; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENAE601 Astrodynamics; (3) REG/AUD. *Prerequisites: ENAE 404 and ENAE 441.*
0101 **(17538)** STAFF
MW 6:30pm-7:45pm (EGR 1104)

ENAE631 *(PermReq)* **Helicopter Aerodynamics I; (3)** REG/AUD. *Prerequisite: permission of both department and instructor.*
0101 **(17548)** Leishman, J.
TuTh 5:00pm-6:15pm (EGR 2107)

ENAE642 Atmospheric Flight Control; (3) REG/AUD. *Prerequisites: ENAE 432 and ENAE 403, or equivalents.*
0101 **(17558)** Schmidt, D.
MW 3:30pm-4:45pm (EGR 2103)

ENAE651 Smart Structures; (3) REG/AUD.
0101 **(17568)** Chopra, I.
TuTh 9:30am-10:45am (EGR 0110)

ENAE654 Composite Structures; (3) REG/AUD. *Prerequisite: ENAE 452 or permission of both department and instructor.*
0101 **(17578)** Vizzini, A.
MW 2:00pm-3:15pm (JMP 3104)

ENAE655 Structural Dynamics; (3) REG/AUD. *Prerequisite: ENAE 452 or permission of department.*
0101 **(17588)** Wereley, N.
MW 2:00pm-3:15pm (JMP 2202)

ENAE656 Aeroelasticity; (3) REG/AUD. *Prerequisite: ENAE 655 or permission of department.*
0101 **(17598)** Haas, D.
TuTh 3:30pm-4:45pm (EGR 3102)

ENAE662 Advanced Propulsion II; (3) REG/AUD. *Prerequisite: ENAE 661.*
0101 **(17608)** STAFF
TuTh 12:30pm-1:45pm (EGR 1102)

ENAE683 *(PermReq)* **High Temperature Gas Dynamics; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(17618)** STAFF
TuTh 11:00am-12:15pm (EGR 0110)

ENAE684 *(PermReq)* **Computational Fluid Dynamics I; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(17628)** Baeder, J.
MWF 11:00am-11:50am (EGR 0108)

ENAE693 Space Simulation; (3) REG/AUD.
0101 **(17638)** STAFF
TuTh 6:30pm-7:45pm (EGR 1106)

ENAE696 Spacecraft Thermal Design; (3) REG/AUD.
0101 **(17648)** STAFF
MW 5:00pm-6:15pm (EGR 1108)

ENAE788 Selected Topics in Aerospace Engineering; (3) REG/AUD.
0101 **(17658)** Sanner, R.
MWF 9:00am-9:50am (EGR 0108)

ENAE799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENAE899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENBE Biological Resources Engineering
(Agriculture and Natural Resources)

ENBE100 Basic Biological Resources Engineering Technology; (3) REG/P-F/AUD. *For non-engineering majors. Formerly ENAG 100.* Course is offered in the fall semester only.
0101 **(17750)** STAFF
TuTh 2:00pm-3:15pm (ANS 0422)

ENBE110 Introduction to Biological Resources Engineering; (1) REG/P-F/AUD.
0101 **(17760)** STAFF
W 3:00pm-5:00pm (ANS 0422)

ENBE200 Fundamentals of Agricultural Mechanics; (3) REG/P-F. *Formerly ENAG 200.*
0102 **(17770)** Walls, R.
TuTh 3:00pm-3:50pm (ANS 0504)
TuTh 4:00pm-5:50pm (ANS 0504) Lab
ENBE 234, 236 and 237 are a series of one-credit mini-courses in aspects of soil and water engineering. Students may elect one course or any combination to three credits. Students must enroll for each course - one credit per course. ENBE 234 begins Sept. 3 and ends Oct. 3; ENBE 236 begins Oct. 6 and ends Nov. 7; ENBE 237 begins Nov. 10 and ends Dec. 10. All courses meet at same time and room - MWF 11:00-11:50, ANS 0422.

ENBE234 Principles of Erosion and Water Control; (1) REG/P-F/AUD. *Formerly ENAG 234.* Course is offered in the fall semester only.
0101 **(17780)** STAFF
Meets 09/03/97-10/03/97
MWF 11:00am-11:50am (ANS 0422)

ENBE236 Design of Drainage Systems; (1) REG/P-F/AUD. *Formerly ENAG 236.* Course is offered in the fall semester only.
0101 **(17790)** STAFF
Meets 10/06/97-11/07/97
MWF 11:00am-11:50am (ANS 0422)

ENBE237 Design of Irrigation Systems; (1) REG/P-F/AUD. *Formerly ENAG 237.* Course is offered in the fall semester only.
0101 **(17800)** STAFF
Meets 11/10/97-12/10/97
MWF 11:00am-11:50am (ANS 0422)

ENBE386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours. Formerly ENAG 386.*

ENBE422 Water Resources Engineering; (3) REG/P-F/AUD. *Prerequisite: ENME 342 or ENCE 330. Formerly ENAG 422.* Course is offered in the fall semester only.
0101 **(17811)** Shirmohammadi, A.
MWF 10:00am-10:50am (ANS 0422)

ENBE453 Introduction to Biological Materials; (3) REG/P-F/AUD. *Prerequisite: ENES 220 or equivalent.*
0101 **(17821)** Brown, K.
TuTh 11:00am-12:30pm (ANS 1420)

ENBE471 Biological Systems Control; (3) REG/P-F/AUD. *Prerequisites: ENEE 300 and MATH 246, and one course in biological sciences or permission of department.*
0101 **(17831)** STAFF
MWF 2:00pm-2:50pm (ANS 0412)

ENBE485 *(PermReq)* **Capstone Design I; (1)** REG. CORE: CS *Prerequisite: permission of department. Senior standing. For ENBE majors only.*
0101 **(17841)** Wheaton, F.
M 3:00pm-4:00pm (ANS 0422)

ENBE486 *(PermReq)* **Capstone Design II; (2)** REG. CORE: CS Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: ENBE 485 taken in the immediately preceding semester. Senior standing. For ENBE majors only.* See course advisor for meeting time.

ENBE489 *(PermReq)* **Special Problems in Biological Resources Engineering; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENBE499 *(PermReq)* **Special Problems in Agricultural Engineering Technology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENBE601 *(PermReq)* **Instrumentation Systems; (3)** REG/AUD. *Prerequisite: permission of department. Formerly ENAG 601.*
0101 **(17877)** Johnson, A.
TuTh 5:00pm-7:00pm (ANS 0422)

ENBE653 Biological Engineering Materials and Mechanics; (3) REG/AUD. *Not open to students who have completed ENBE 453. Credit will be granted for only one of the following: ENBE 453 or ENBE 653.*
0101 **(17887)** Brown, K.
TuTh 11:00am-12:30pm (ANS 1420)

ENBE688 *(PermReq)* **Advanced Topics in Biological Resources Engineering; (1-4)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENBE688T *(PermReq)* **Advanced Topics in Biological Resources Engineering: Techniques for Teaching Agricultural Engineering; (1)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Approval of instructor prior to enrollment required.

ENBE698 Seminar; (1) REG/AUD.
0101 **(17920)** Wheaton, F.
M 4:00pm-4:50pm (ANS 0422)

ENBE699 *(PermReq)* **Special Problems in Biological Resources Engineering; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENBE799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENBE899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENCE Engineering, Civil
(Engineering)

ENCE202 Computation Methods in Civil Engineering I; (3) REG/AUD. *Prerequisites: MATH 141 and ENES 102 and ENES 100. For ENCE majors only. Formerly ENCE 201.*
0101 **(18012)** STAFF
MWF 10:00am-10:50am (EGR 2154)
0201 **(18013)** STAFF
MWF 11:00am-11:50am (EGR 2154)

ENCE203 Computation Methods in Civil Engineering II; (3) REG/P-F/AUD. *Prerequisites: MATH 241 and ENES 220. Corequisite: MATH 246. For ENCE majors only. Formerly ENCE 301.*
0101 **(18023)** Donaldson, B.
MWF 11:00am-11:50am (EGR 0110)

ENCE300 Fundamentals of Engineering Materials; (3) REG/P-F/AUD. *Pre- or corequisite: ENES 220.* Restricted to students in the College of Engineering.
0101 **(18033)** STAFF
MW 1:00pm-1:50pm (CHM 0115)
M 2:00pm-5:00pm (EGL 0106A) Lab
0102 **(18034)** STAFF
MW 1:00pm-1:50pm (CHM 0115)
Tu 2:00pm-5:00pm (EGL 0106A) Lab
0103 **(18035)** STAFF
MW 1:00pm-1:50pm (CHM 0115)
Th 2:00pm-5:00pm (EGL 0106A) Lab

ENCE302 Probability and Statistics for Civil Engineers; (3) REG/AUD. *Prerequisites: ENCE 203 and MATH 246. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(18045)** Ayyub, B.
MWF 9:00am-9:50am (EGR 1108)

ENCE315 Introduction to Environmental Engineering; (3) REG/AUD. *Prerequisites: CHEM 103 or CHEM 133; and PHYS 161. Not open to ENGR students who have completed ENCE 221. Formerly ENCE 221.* Restricted to students in the College of Engineering.
0101 **(18055)** Birkner, F.
TuTh 8:00am-9:15am (JMP 3201)

ENCE320 *(PermReq)* **Construction Engineering and Management; (3)** REG/AUD. *Prerequisite: permission of department.* Restricted to students in the College of Engineering.
0101 **(18065)** STAFF
TuTh 2:00pm-3:15pm (EGR 1108)

ENCE330 Basic Fluid Mechanics; (3) REG/P-F/AUD. *Prerequisites: ENES 220; and ENES 221; and PHYS 262.* Restricted to students in the College of Engineering.
0101 **(18075)** McCuen, R.
MWF 10:00am-10:50am (EGR 1108)
0201 **(18076)** Ragan, R.
MWF 10:00am-10:50am (EGR 1104)

ENCE340 Fundamentals of Soil Mechanics; (3) REG/P-F/AUD. *Prerequisite: ENES 220. For ENCE majors only.* Restricted to students in the College of Engineering.
0201 **(18086)** Schwartz, C.
TuTh 12:30pm-1:45pm (CHM 0115)

ENCE353 Introduction to Structural Analysis; (3) REG/AUD. *Prerequisite: ENES 220. Corequisite: ENCE 203. For ENCE majors (09080) only. Credit will be granted for only one of the following: ENCE 255 or ENCE 353. Formerly ENCE 255.* Restricted to students in the College of Engineering.
0101 **(18096)** Colville, J.
MWF 12:00pm-12:50pm (CHM 0124)
0201 **(18097)** Amde, A.
MWF 12:00pm-12:50pm (CHM 0127)

ENCE355 Introduction to Structural Design; (3) REG/AUD. *Prerequisite: ENCE 300. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(18107)** Albrecht, P.
TuTh 11:00am-12:15pm (ERB 0305)

ENCE370 Fundamentals of Transportation Engineering; (3) REG/P-F/AUD. *Prerequisites: MATH 141 and PHYS 262.* Restricted to students in the College of Engineering.
0101 **(18117)** Chang, G.
TuTh 9:30am-10:45am (ERB 0305)

ENCE423 Project Estimating, Planning and Control; (3) REG/AUD. *Prerequisite: ENCE 320. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(18127)** STAFF
MF 3:30pm-4:45pm (JMP 2229)

ENCE425 Decision Support Systems for Construction; (3) REG/AUD. *Prerequisite: ENCE 320. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(18137)** Karaszewski, Z.
MWF 12:00pm-12:50pm (EGR 0110)

ENCE432 Ground Water Hydrology; (3) REG/P-F/AUD. *Prerequisite: ENCE 330.* Restricted to students in the College of Engineering.
0101 **(18147)** Sternberg, Y.
MWF 9:00am-9:50am (EGR 2154)

ENCE433 Environmental Engineering Analysis; (3) REG/P-F/AUD. *Prerequisites: CHEM 133 and ENES 221 and CHEM 233.* Restricted to students in the College of Engineering.
0101 **(18157)** Torrents, A.
TuTh 8:00am-9:15am (EGR 1104)
F 9:00am-12:00pm (MMH 2401) Lab
0102 **(18158)** Torrents, A.
TuTh 8:00am-9:15am (EGR 1104)
F 12:00pm-3:00pm (MMH 2401) Lab

ENCE435 Sanitary Engineering Analysis and Design; (3) REG/P-F/AUD. *Prerequisites: ENES 221 and ENCE 330 and CHEM 233.* Restricted to students in the College of Engineering.
0101 **(18168)** Seagren, E.
TuTh 9:30am-10:45am (EGR 1106)

ENCE441 Soil-Foundation Systems; (3) REG/P-F/AUD. *Prerequisite: ENCE 340.* Restricted to students in the College of Engineering.
0101 **(18178)** Aggour, M.
MW 12:30pm-1:45pm (ERB 0305)

ENCE453 Computer-Aided Structural Analysis; (3) REG/AUD. *Prerequisite: ENCE 353. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(18188)** Amde, A.
MWF 11:00am-11:50am (EGR 1106)

ENCE455 Design of Steel Structures; (3) REG/AUD. *Prerequisites: ENCE 353; and ENCE 355. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(18198)** Schelling, D.
TuTh 12:30pm-1:45pm (EGR 0108)

ENCE463 Engineering Economics and Systems Analysis; (3) REG/P-F/AUD. *Prerequisites: ENCE 202 and ENCE 203. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(18208)** Schonfeld, P.
TuTh 9:30am-10:45am (EGR 1110)

ENCE465 Geographic Information Systems for Planning and Design Models; (3) REG/AUD. *Prerequisites: ENCE 202 and ENCE 203. Senior standing. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(18218)** Moglen, G.
TuTh 11:00am-12:15pm (EGR 0108)

ENCE466 Design of Civil Engineering Systems; (3) REG/AUD. CORE: CS *Prerequisites: ENCE 353 or ENCE 355, ENCE 315, ENCE 320, ENCE 330, ENCE 340, ENCE 370 or permission of department. Senior standing. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(18228)** Sternberg, Y.
Tu 2:00pm-2:50pm (EGR 1104)
Th 3:00pm-4:50pm (EGR 0110) Lab
Tu 3:00pm-4:50pm (EGR 0110) Lab

ENCE470 Highway and Traffic Engineering; (3) REG/P-F/AUD. *Prerequisite: ENCE 370. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(18238)** Carter, E.
MWF 10:00am-10:50am (EGR 0108)

ENCE489 *(PermReq)* **Special Problems in Civil Engineering; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENCE489C *(PermReq)* **Special Problems in Civil Engineering: Engineering Software Development; (3)** REG/P-F/AUD.
0101 **(18278)** Austin, M.
TuTh 9:30am-10:45am (EGR 2107)

ENCE610 Fundamentals of Structural Analysis; (3) REG/AUD.
0101 **(18287)** Donaldson, B.
MW 5:00pm-6:15pm (EGR 0110)

ENCE614 Computer Methods in Engineering; (3) REG/AUD. *Formerly ENCE 756.* Majors only. Other majors require permission of department.
0101 **(18297)** Austin, M.
Time and room to be arranged

ENCE615 Structural Reliability; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(18307)** Ayyub, B.
MW 3:30pm-4:45pm (EGR 1102)

ENCE630 Environmental and Water Resource Systems I; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(18317)** McCuen, R.
TuTh 3:30pm-4:45pm (EGR 2107)

ENCE633 The Chemistry of Natural Waters; (3) REG/AUD. *Prerequisite: ENCE 433 or permission of both department and instructor.* Majors only. Other majors require permission of department.
0101 **(18327)** Birkner, F.
TuTh 2:00pm-3:15pm (EGR 1106)

ENCE636 Unit Operations of Environmental Engineering; (3) REG/AUD. *Prerequisite: ENCE 315 or permission of both department and instructor.* Majors only. Other majors require permission of department.
0101 **(18337)** Davis, A.
TuTh 12:30pm-1:45pm (EGR 1106)

ENCE642 Soil Dynamics; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(18357)** Aggour, M.
MW 3:30pm-4:45pm (EGR 0104)

ENCE643 *(PermReq)* **Theory of Soil Strength; (3)** REG/AUD. *Prerequisites: ENCE 340 or equivalent and permission of instructor.* Majors only. Other majors require permission of department.
0101 **(18367)** Goodings, D.
TuTh 3:30pm-4:45pm (EGR 1106)

ENCE662 *(PermReq)* **Construction Project Management; (3)** REG/AUD. *Prerequisite: permission of instructor. For ENCE majors only.* Majors only. Other majors require permission of department. Course to be offered at the Downtown Baltimore Center.
0101 **(18377)** STAFF
W 5:30pm-8:10pm (Arranged)

ENCE663 Management of Construction Organizations; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(18387)** STAFF
M 7:00pm-9:45pm (EGR 2107)

ENCE664 Construction Contracts and Specifications; (3) REG/AUD. *For ENCE majors only.* Majors only. Other majors require permission of department.
0101 **(18397)** STAFF
Th 5:30pm-8:15pm (EGR 1108)

ENCE666 Cost Engineering and Control; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(18407)** STAFF
Tu 5:30pm-8:15pm (EGR 1102)

ENCE670 Highway Traffic Characteristics and Measurements; (3) REG/AUD. *Prerequisite: ENCE 470 or permission of both department and instructor.* Majors only. Other majors require permission of dept.
0101 **(18417)** Carter, E.
M 5:00pm-7:45pm (EGR 3111)

ENCE672 Regional Transportation Planning; (3) REG/AUD. *Prerequisite: ENCE 471 or permission of both department and instructor.* Majors only. Other majors require permission of department.
0101 **(18427)** Schonfeld, P.
W 5:00pm-7:30pm (EGR 1106)

ENCE677 Quantitative Methods in Transportation Engineering; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(18437)** Haghani, A.
TuTh 2:00pm-3:30pm (CHM 2201)

ENCE688 Advanced Topics in Civil Engineering; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Majors only. Other majors require permission of department.

ENCE688A *(PermReq)* **Advanced Topics in Civil Engineering: Travel Demand Analysis; (3)** REG/AUD. Prerequisite: permission of instructor and department.
0101 **(18472)** Chang, G.
Tu 5:00pm-7:30pm (EGR 2112)

ENCE688B *(PermReq)* **Advanced Topics in Civil Engineering: Advanced Soil Mechanics II; (3)** REG/AUD. Prerequisite: permission of department and instructor.
0101 **(18482)** Collin, J.
W 5:00pm-7:30pm (EGR 3111)

ENCE688C *(PermReq)* **Advanced Topics in Civil Engineering: Traffic Control; (3)** REG/AUD. Prerequisite: permission of instructor and department.
0101 **(18492)** Lovell, D.
Th 5:00pm-7:30pm (EGR 2112)

ENCE688D *(PermReq)* **Advanced Topics in Civil Engineering: Numerical Modeling for Water Resources and Environmental Engineering; (3)** REG/AUD. Prerequisite: permission of instructor and department.
0101 **(18502)** Brubaker, K.
MW 5:00pm-6:15pm (EGR 2112)

ENCE688E Advanced Topics in Civil Engineering: Chemistry of Natural Waters II; (3) REG/AUD. Prerequisite: ENCE 633 or permission of instructor and department.
0101 **(18512)** Davis, A.
TuTh 2:00pm-3:15pm (EGR 1102)

ENCE688F Advanced Topics in Civil Engineering: Project Management in a Dynamic Environment; (1-3) REG/AUD.
0101 **(18513)** Laufer, A.
M 3:30pm-6:00pm (EGR 3106)

ENCE688G *(PermReq)* **Advanced Topics in Civil Engineering: Design with Geosynthetics; (3)** REG/AUD. Prerequisite: permission of department and instructor.
0101 **(18522)** Collin, J.
M 5:00pm-7:30pm (EGR 1110)

ENCE688P *(PermReq)* **Advanced Topics in Civil Engineering: Transformations of Organic Pollutants; (3)** REG/AUD. Prerequisite: permission of instructor and department.
0101 **(18532)** Torrents, A.
TuTh 9:30am-10:45am (EGR 2112)

ENCE688R Advanced Topics in Civil Engineering: River Engineering; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(18542)** Moglen, G.
MW 3:30pm-4:45pm (EGR 1108)

ENCE688Z Advanced Topics in Civil Engineering: Geographic Information Systems for Watershed Analysis; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(18552)** Ragan, R.
TuTh 5:00pm-6:15pm (EGR 1106)

ENCE689 Seminar; (1-16) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Majors only. Other majors require permission of department.

ENCE711 Steel Structures II; (3) REG/AUD. *Formerly ENCE 655.* Majors only. Other majors require permission of department.
0101 **(18587)** Albrecht, P.
TuTh 3:30pm-4:45pm (CHM 0122)

ENCE715 *(PermReq)* **Earthquake Engineering; (3)** REG/AUD. *Prerequisite: permission of instructor. Formerly ENCE 755.* Majors only. Other majors require permission of department.
0101 **(18597)** Fu, C.
TuTh 6:30pm-7:45pm (EGR 1104)

ENCE717 Bridge Structures; (3) REG/AUD. *Prerequisites: ENCE 255, ENCE 355, and differential equations. Recommended: ENCE 455. Formerly ENCE 751.* Majors only. Other majors require permission of department.
0101 **(18607)** Schelling, D.
MW 5:00pm-6:15pm (EGR 2103)

ENCE799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. Majors only. Other majors require permission of department.

ENCE899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number. Majors only. Other majors require permission of department.

ENCH Engineering, Chemical
(Engineering)

ENCH215 *(PermReq)* **Chemical Engineering Analysis; (3)** REG/P-F/AUD. *Prerequisite: CHEM 104. Pre- or corequisite: MATH 141.*
0101 **(18715)** Weigand, W.
MWF 11:00am-11:50am (CHE 2110)
W 2:00pm-2:50pm (CHE 2108) Dis

ENCH300 *(PermReq)* **Chemical Process Thermodynamics; (3)** REG/P-F/AUD. *Prerequisites: CHEM 203; and ENCH 215; and MATH 241.*
0101 **(18725)** Greer, S.
TuTh 2:00pm-3:15pm (CHE 2110)
F 2:00pm-2:50pm (CHE 2108) Dis

ENCH333 *(PermReq)* **Chemical Engineering Seminar; (1)** REG/P-F/AUD. *Senior standing.*
0101 **(18735)** Choi, K.
W 12:00pm-12:50pm (CHE 2136)
0201 **(18736)** Smith, T.
W 12:00pm-12:50pm (CHE 2145)
0301 **(18737)** Harris, M.
W 12:00pm-12:50pm (CHE 2118)

ENCH422 *(PermReq)* **Transport Processes I; (3)** REG/P-F/AUD. *Prerequisites: MATH 241 and MATH 246 and ENES 102.*
0101 **(18747)** Calabrese, R.
TuTh 9:30am-10:45am (CHE 2108)
F 1:00pm-1:50pm (CHE 2108) Dis

ENCH426 *(PermReq)* **Transport Processes III; (3)** REG. *Prerequisites: ENCH 300 and ENCH 422. Corequisite: ENCH 424.*
0101 **(18757)** Weigand, W.
MWF 2:00pm-2:50pm (CHE 2110)

ENCH437 *(PermReq)* **Chemical Engineering Laboratory; (3)** REG/P-F/AUD. *Prerequisites: ENCH 426; and ENCH 440; and ENCH 442.*
0101 **(18767)** Smith, T.
Th 11:00am-5:00pm (CHE 1145) Lab
Th 11:00am-1:00pm (CHE 2136) Dis
0201 **(18768)** Smith, T.
Tu 11:00am-5:00pm (CHE 1145) Lab
Tu 11:00am-1:00pm (CHE 2136) Dis

ENCH444 *(PermReq)* **Process Engineering Economics and Design I; (3)** REG/P-F/AUD. *Prerequisites: ENCH 426; and ENCH 440; and ENCH 442.*
0101 **(18778)** Gasner, L.
M 3:00pm-3:50pm (CHE 2110)
WF 3:00pm-3:50pm (CHE 2108)

ENCH454 Chemical Process Analysis and Optimization; (3) REG/P-F/AUD. *Prerequisites: ENCH 426; and ENCH 440.*
0101 **(18788)** McAvoy, T.
MWF 4:00pm-4:50pm (CHE 2118)

ENCH468 *(PermReq)* **Research; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENCH468M Research: Manufacturing with Polymers; (3) REG/P-F/AUD.
0101 **(18813)** Briber, R.
TuTh 11:00am-12:15pm (CHE 2118)

ENCH468R Research: Recycling of Waste Materials; (3) REG/P-F/AUD.
0101 **(18823)** Gasner, L.
MWF 1:00pm-1:50pm (CHE 2136)

ENCH482 *(PermReq)* **Biochemical Engineering; (3)** REG/P-F/AUD. *Prerequisite: senior standing in engineering or permission of both department and instructor.*
0101 **(18833)** Wang, N.
MWF 11:00am-11:50am (CHE 2136)

ENCH490 *(PermReq)* **Introduction to Polymer Science; (3)** REG/P-F/AUD. *Prerequisite: ENCH 422.*
0101 **(18843)** Choi, K.
MWF 10:00am-10:50am (CHE 2136)

ENCH609 *(PermReq)* **Graduate Seminar; (1)** REG/AUD.
0101 **(18853)** Sengers, J.
Tu 4:00pm-5:00pm (CHE 2110)

ENCH610 Chemical Engineering Thermodynamics; (3) REG/AUD.
0101 **(18863)** Anisimov, M.
MW 4:00pm-5:15pm (CHE 2136)

ENCH620 Methods of Engineering Analysis; (3) REG/AUD.
0101 **(18873)** Gentry, J.
MW 5:30pm-6:45pm (CHE 2145)

ENCH648 *(PermReq)* **Special Problems in Chemical Engineering; (1-16)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENCH648F Special Problems in Chemical Engineering: Distributed Parameter System; (3) REG/AUD.
0101 **(18897)** Adomaitis, R.
MWF 2:00pm-2:50pm (CHE 2145)

ENCH753 Aerosols and Particulate Science; (3) REG/AUD. *Prerequisites: {ENCH 620 and ENCH 630} or permission of instructor.*
0101 **(18907)** Gentry, J.
MW 2:00pm-3:15pm (CHE 2116)

ENCH799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENCH899 Doctoral Dissertation Research: Chemical Engineering; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENCO Engineering, Cooperative Education
(Engineering)

ENCO099 *(PermReq)* **Co-Op Work Experience; (No credit)** S-F. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes.
0101 **(19000)** Sauber, H.
Time and room to be arranged

ENEE Engineering, Electrical
(Engineering)

ENEE114 Programming Concepts for Engineering; (4) REG/AUD. *For ENEE majors (09090) only. Restricted to students with 60 or less cumulative semester hours.*
0101 **(19050)** Stewart, D.
TuTh 11:00am-12:15pm (EGR 1202)
M 1:00pm-3:00pm (EGR 1106) Dis
0102 **(19051)** Stewart, D.
TuTh 11:00am-12:15pm (EGR 1202)
Tu 1:00pm-3:00pm (EGR 2154) Dis
0103 **(19052)** Stewart, D.
TuTh 11:00am-12:15pm (EGR 1202)
W 1:00pm-3:00pm (EGR 1106) Dis
0104 **(19053)** Stewart, D.
TuTh 11:00am-12:15pm (EGR 1202)
Th 1:00pm-3:00pm (EGR 2154) Dis
0105 **(19054)** Stewart, D.
TuTh 11:00am-12:15pm (EGR 1202)
F 1:00pm-3:00pm (EGR 1106) Dis
0106 **(51796)** Stewart, D.
TuTh 11:00am-12:15pm (EGR 1202)
W 3:00pm-5:00pm (EGR 1106) Dis

ENEE188 Special Introductory Topics in Electrical Engineering; (1) REG. Open to 09031 and 09020 majors only. Must be taken concurrently with ENEE 204.
0101 **(19055)** Lawson, W.
Tu 2:00pm-2:50pm (EGR 1202)
Tu 3:00pm-6:00pm (AVW 1356) Lab

ENEE204 Basic Circuit Theory; (3) REG. *Prerequisite: MATH 246.* Engineering College only (04).
0101 **(19064)** Goldhar, J.
TuTh 9:30am-10:45am (CHE 2110)
M 1:00pm-1:50pm (EGR 1102) Dis
0102 **(19065)** Goldhar, J.
TuTh 9:30am-10:45am (CHE 2110)
W 12:00pm-12:50pm (EGR 1102) Dis
0104 **(19066)** Goldhar, J.
TuTh 9:30am-10:45am (CHE 2110)
Th 8:00am-8:50am (EGR 1110) Dis
0105 **(19067)** Goldhar, J.
TuTh 9:30am-10:45am (CHE 2110)
F 9:00am-9:50am (EGR 1106) Dis

ENEE206 Fundamental Electric and Digital Circuit Laboratory; (2) REG. *Prerequisite: ENEE 244. Corequisite: ENEE 204. For ENEE majors 09090 only. Credit will be granted for only one of the following: ENEE 206 or ENEE 305. Formerly ENEE 305.*
0101 **(19077)** Lawson, W.
Tu 2:00pm-2:50pm (EGR 1202)
M 9:00am-12:00pm (AVW 1330) Lab
0102 **(19078)** Lawson, W.
Tu 2:00pm-2:50pm (EGR 1202)
M 1:00pm-4:00pm (AVW 1330) Lab
0103 **(19079)** Lawson, W.
Tu 2:00pm-2:50pm (EGR 1202)
Tu 3:00pm-6:00pm (AVW 1330) Lab
0104 **(19080)** Lawson, W.
Tu 2:00pm-2:50pm (EGR 1202)
W 12:00pm-3:00pm (AVW 1330) Lab
0105 **(19081)** Lawson, W.
Tu 2:00pm-2:50pm (EGR 1202)
W 3:30pm-6:30pm (AVW 1330) Lab
0106 **(19082)** Lawson, W.
Tu 2:00pm-2:50pm (EGR 1202)
Th 12:00pm-3:00pm (AVW 1330) Lab
0107 **(19083)** Lawson, W.
Tu 2:00pm-2:50pm (EGR 1202)
Th 3:30pm-6:30pm (AVW 1330) Lab
0108 **(19084)** Lawson, W.
Tu 2:00pm-2:50pm (EGR 1202)
F 8:00am-11:00am (EGR 1102) Lab
0109 **(19085)** Lawson, W.
Tu 2:00pm-2:50pm (EGR 1202)
F 1:00pm-4:00pm (AVW 1330) Lab
0110 **(19086)** Lawson, W.
Tu 2:00pm-2:50pm (EGR 1202)
W 8:00am-11:00am (AVW 1330) Lab

ENEE241 Numerical Techniques in Engineering; (3) REG. *Prerequisites: MATH 140, MATH 141, and ENEE 114. For ENGR majors only. Credit will be granted for only one of the following: ENES 240 or ENEE241. Formerly ENES 240.*
0101 **(19095)** Blankenship, G.
MW 11:00am-11:50am (EGR 1202)
M 1:00pm-3:00pm (EGR 3114) Dis
0102 **(19096)** Blankenship, G.
MW 11:00am-11:50am (EGR 1202)
Tu 2:00pm-4:00pm (JMZ 2207) Dis
0103 **(19097)** Blankenship, G.
MW 11:00am-11:50am (EGR 1202)
W 12:00pm-2:00pm (JMP 1202) Dis
0104 **(19098)** Blankenship, G.
MW 11:00am-11:50am (EGR 1202)
Th 12:00pm-2:00pm (EGR 2112) Dis

ENEE241 (cont'd)

0105 **(19099)** Blankenship, G.
MW 11:00am-11:50am (EGR 1202)
F 2:00pm-4:00pm (EGR 0104) Dis

ENEE244 Digital Logic Design; (3) REG. *Prerequisite: ENES 240.* Engineering College only (04).
0101 **(19109)** Silio, C.
TuTh 12:30pm-1:45pm (EGR 1202)
M 8:00am-8:50am (EGR 3106) Dis
0102 **(19110)** Silio, C.
TuTh 12:30pm-1:45pm (EGR 1202)
M 12:00pm-12:50pm (EGR 1106) Dis
0103 **(19111)** Silio, C.
TuTh 12:30pm-1:45pm (EGR 1202)
M 2:00pm-2:50pm (EGR 1108) Dis
0104 **(19112)** Silio, C.
TuTh 12:30pm-1:45pm (EGR 1202)
Tu 2:00pm-2:50pm (ARM 0105) Dis
0105 **(19113)** Silio, C.
TuTh 12:30pm-1:45pm (EGR 1202)
W 2:00pm-2:50pm (JMP 2229) Dis

ENEE302 Analog Electronic Circuits; (3) REG/AUD. *Prerequisite: ENEE 204 and completion of all lower-division courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(19122)** Peckerar, M.
TuTh 5:00pm-6:15pm (AVW 3336)
M 3:00pm-3:50pm (JMP 3105) Dis
0102 **(19123)** Peckerar, M.
TuTh 5:00pm-6:15pm (AVW 3336)
Tu 11:00am-11:50am (EGR 3102) Dis
0301 **(19124)** Iliadis, A.
TuTh 9:30am-10:45am (EGR 1104)
Tu 2:00pm-2:50pm (CHM 0128) Dis
0302 **(19125)** Iliadis, A.
TuTh 9:30am-10:45am (EGR 1104)
Tu 3:00pm-3:50pm (CHE 2136) Dis

ENEE302H *(PermReq)* **Analog Electronic Circuits; (3)** REG/P-F/AUD. *Prerequisite: ENEE 204 and completion of all lower-division courses in the EE curriculum. See above note.* For general honors students only.
0101 **(19135)** Frey, J.
TuTh 11:00am-12:15pm (EGR 1104)
M 12:00pm-12:50pm (EGR 1104) Dis

ENEE312 Digital Electronic Circuits; (3) REG. *Prerequisite: ENEE 302 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(19145)** Iliadis, A.
TuTh 2:00pm-3:15pm (CHM 0119)
M 1:00pm-1:50pm (EGR 0108) Dis
0102 **(19146)** Iliadis, A.
TuTh 2:00pm-3:15pm (CHM 0119)
M 2:00pm-2:50pm (EGR 1102) Dis
0201 **(19147)** Newcomb, R.
MW 8:00am-9:15am (AVW 3336)
M 3:00pm-3:50pm (EGR 1106) Dis
0202 **(19148)** Newcomb, R.
MW 8:00am-9:15am (AVW 3336)
M 4:00pm-4:50pm (EGR 1106) Dis

ENEE322 Signal and System Theory; (3) REG. *Prerequisites: ENEE 204 and MATH 246 and completion of all lower-division technical courses in the curriculum. See above note.* ENEE majors (09090) only.
0101 **(19158)** Levine, W.
TuTh 9:30am-10:45am (JMP 2229)
Tu 8:00am-8:50am (EGR 2112) Dis
0102 **(19159)** Levine, W.
TuTh 9:30am-10:45am (JMP 2229)
Th 11:00am-11:50am (EGR 1110) Dis
0201 **(19160)** Emad, F.
MWF 11:00am-11:50am (CHM 0127)
W 1:00pm-1:50pm (EGR 1102) Dis
0202 **(19161)** Emad, F.
MWF 11:00am-11:50am (CHM 0127)
F 2:00pm-2:50pm (EGR 1104) Dis
0301 **(19162)** Abed, E.
TuTh 2:00pm-3:15pm (JMP 2229)
Th 4:00pm-4:50pm (CHM 0124) Dis
0302 **(19163)** Abed, E.
TuTh 2:00pm-3:15pm (JMP 2229)
Tu 9:00am-9:50am (JMP 2202) Dis

ENEE324 Engineering Probability; (3) REG. *Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(19173)** STAFF
TuTh 3:30pm-4:45pm (ERB 0305)
Tu 2:00pm-2:50pm (EGR 0110) Dis
0102 **(19174)** STAFF
TuTh 3:30pm-4:45pm (ERB 0305)
Tu 12:00pm-12:50pm (EGR 2112) Dis
0301 **(19175)** Farvardin, N.
MWF 10:00am-10:50am (CHM 0115)
Tu 3:00pm-3:50pm (CHM 0128) Dis
0302 **(19176)** Farvardin, N.
MWF 10:00am-10:50am (CHM 0115)
W 8:00am-8:50am (EGR 3106) Dis

ENEE324H *(PermReq)* **Engineering Probability; (3)** REG/P-F/AUD. *Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note.* For general honors students only.
0101 **(19186)** Shayman, M.
TuTh 2:00pm-3:15pm (EGR 3106)
M 1:00pm-1:50pm (CHM 0119) Dis

ENEE350 Computer Organization; (3) REG. *Prerequisite: ENEE 244 and completion of all lower-division technical courses in the EE curriculum. See above note. Not open to students who have completed ENEE 250. Formerly ENEE 250.* ENEE majors (09090) only
0201 **(19196)** Oruc, Y.
MWF 9:00am-9:50am (CHM 2201)
Tu 1:00pm-1:50pm (EGR 1104) Dis
0202 **(19197)** Oruc, Y.
MWF 9:00am-9:50am (CHM 2201)
Th 8:00am-8:50am (EGR 1102) Dis
0301 **(19198)** Silio, C.
TuTh 9:30am-10:45am (CLB 0111)
Tu 2:00pm-2:50pm (EGR 2112) Dis
0302 **(19199)** Silio, C.
TuTh 9:30am-10:45am (CLB 0111)
Tu 3:00pm-3:50pm (EGR 2112) Dis

ENEE350H *(PermReq)* **Computer Organization; (3)** REG/P-F/AUD. *Prerequisite: ENEE 244 and completion of all lower-division technical courses in the EE curriculum. See above note. Not open to students who have completed ENEE 250. Formerly ENEE 250.* For general honors students only.
0101 **(19209)** Jacob, B.
TuTh 12:30pm-1:45pm (AVW 3336)
W 8:00am-8:50am (CHM 0122) Dis

ENEE380 Electromagnetic Theory; (3) REG. *Prerequisites: MATH 241 and PHYS 263 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(19219)** Taylor, L.
MWF 10:00am-10:50am (CHM 0127)
W 8:00am-8:50am (CHM 0127) Dis
0102 **(19220)** Taylor, L.
MWF 10:00am-10:50am (CHM 0127)
M 3:00pm-3:50pm (EGR 3102) Dis
0201 **(19221)** Milchberg, H.
TuTh 12:30pm-1:45pm (JMP 2229)
Tu 8:00am-8:50am (EGR 3102) Dis
0202 **(19222)** Milchberg, H.
TuTh 12:30pm-1:45pm (JMP 2229)
W 4:00pm-4:50pm (EGR 1104) Dis
0301 **(19223)** Ho, P.
TuTh 11:00am-12:15pm (JMP 2229)
Th 10:00am-10:50am (JMP 2202) Dis
0302 **(19224)** Ho, P.
TuTh 11:00am-12:15pm (JMP 2229)
Tu 1:00pm-1:50pm (EGR 3114) Dis

ENEE381 Electromagnetic Wave Propagation; (3) REG. *Prerequisite: ENEE 380 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors only (09090).
0201 **(19234)** Reiser, M.
TuTh 11:00am-12:15pm (CHM 1402)
M 3:00pm-3:50pm (CHM 0119) Dis
0202 **(19235)** Reiser, M.
TuTh 11:00am-12:15pm (CHM 1402)
W 3:00pm-3:50pm (EGR 3102) Dis
0203 **(19236)** Reiser, M.
TuTh 11:00am-12:15pm (CHM 1402)
F 2:00pm-2:50pm (EGR 1108) Dis

ENEE381H *(PermReq)* **Electromagnetic Wave Propagation; (3)** REG/P-F/AUD. *Prerequisite: ENEE 380 and completion of all lower-division technical courses in the EE curriculum. See above note.* For general honors students only.
0101 **(19246)** Striffler, C.
TuTh 9:30am-10:45am (AVW 3336)
W 12:00pm-12:50pm (EGR 1104) Dis

ENEE413 Electronics Laboratory; (2) REG. *Prerequisite: ENEE 302 and ENEE 305 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0103 **(19256)** Frey, J.
W 12:00pm-12:50pm (CHE 2110)
Th 9:00am-12:00pm (AVW 1356) Lab
0105 **(19257)** Frey, J.
W 12:00pm-12:50pm (CHE 2110)
F 1:00pm-4:00pm (AVW 1356) Lab
0106 **(19258)** Frey, J.
W 12:00pm-12:50pm (CHE 2110)
W 2:00pm-5:00pm (AVW 1356) Lab

ENEE417 Microelectronics Design Laboratory; (2) REG. *Prerequisites: ENEE 305 and ENEE 312 and completion of all lower-division technical courses in the EE curriculum. See above note. For ENEE majors only.*
0101 **(19268)** Goldsman, N.
M 2:00pm-2:50pm (EGR 3102)
Tu 2:00pm-5:00pm (AVW 1418) Lab

ENEE420 Communication Systems; (3) REG. *Prerequisite: ENEE 324 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(19349)** Goldberg, A.
MW 5:00pm-6:15pm (EGR 1104)
0201 **(19350)** Geraniotis, E.
TuTh 3:30pm-4:45pm (JMP 3104)
0301 **(19351)** Gansman, J.
MW 2:00pm-3:15pm (EGR 0110)

ENEE425 Digital Signal Processing; (3) REG. *Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(19360)** Tretter, S.
MW 9:30am-10:45am (EGR 2107)
0301 **(19361)** Shamma, S.
TuTh 12:30pm-1:45pm (PLS 1111)

ENEE426 Communication Networks; (3) REG. *Prerequisite: permission of department and completion of all lower-division technical courses in the EE curriculum. See above note.*
0101 **(19371)** STAFF
TuTh 11:00am-12:15pm (EGR 2103)

ENEE428 Communications Design Laboratory; (2) REG/AUD. Prerequisite: ENEE 324 and completion of all lower-division technical courses in the EE curriculum. See above note. Corequisite: ENEE 420 or ENEE 425. For ENEE majors only.
0101 **(19381)** Tretter, S.
W 1:00pm-1:50pm (JMP 2229)
M 2:00pm-5:00pm (AVW 1422) Lab
0102 **(19382)** Tretter, S.
W 1:00pm-1:50pm (JMP 2229)
Tu 2:00pm-5:00pm (AVW 1422) Lab
0103 **(19383)** Tretter, S.
W 1:00pm-1:50pm (JMP 2229)
W 2:00pm-5:00pm (AVW 1422) Lab
0104 **(19384)** Tretter, S.
W 1:00pm-1:50pm (JMP 2229)
Th 2:00pm-5:00pm (AVW 1422) Lab
0105 **(19385)** Tretter, S.
W 1:00pm-1:50pm (JMP 2229)
F 2:00pm-5:00pm (AVW 1422) Lab

ENEE429W *(PermReq)* **Topics in Communications: Indoor Wireless Project; (2)** REG. Prerequisites: permission of instructor and department and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 **(19339)** Papamarcou, A.
Tu 1:00pm-1:50pm (EGR 3102)
Tu 2:00pm-5:00pm (Arranged) Lab
0102 **(19340)** Papamarcou, A.
Tu 1:00pm-1:50pm (EGR 3102)
Th 2:00pm-5:00pm (Arranged) Lab

ENEE440 Microprocessors; (3) REG. *Prerequisite: ENEE 350 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors only (09090).
0201 **(19395)** Hawkins, W.
TuTh 12:30pm-1:45pm (EGR 0135)

ENEE445 Computer Laboratory; (2) REG. *Prerequisite: ENEE 305 and ENEE 440 or ENEE 444 and completion of all lower-division technical course in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(19405)** Hawkins, W.
Tu 11:00am-11:50am (EGR 1110)
Th 9:00am-12:00pm (AVW 1458) Lab

ENEE446 Digital Computer Design; (3) REG. *Prerequisite: ENEE 350 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(19415)** Gligor, V.
TuTh 3:30pm-4:45pm (EGR 1108)

ENEE448 Microprocessor Systems Design; (3) REG. Prerequisite: ENEE 440 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 **(19425)** Hawkins, W.
Th 11:00am-11:50am (EGR 0102)
Time and room to be arranged Lab

ENEE449 *(PermReq)* **Modern Digital System Design Laboratory; (3)** REG. Prerequisites: ENEE 350 and permission of department. ENEE 446 is strongly recommended as a corequisite (ENEE 440, if taken already, is sufficient).
0101 **(19530)** Nakajima, K.
F 1:00pm-1:50pm (AVW 3336)
F 2:00pm-5:00pm (AVW 1458) Lab

ENEE459Q *(PermReq)* **Topics in Computer Engineering: Pinball Machine Project; (3)** REG.
0101 **(19528)** Stewart, D.
W 3:30pm-6:00pm (MTH 0104)

ENEE459Y *(PermReq)* **Topics in Computer Engineering: Digital VLSI System Design Laboratory; (3)** REG. Prerequisites: ENEE 312, ENEE 350 and permission of department.
0101 **(19529)** Nakajima, K.
W 12:30pm-2:00pm (AVW 3336)
W 2:00pm-5:00pm (AVW 1458) Lab

ENEE460 Control Systems; (3) REG/AUD. *Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(19435)** , Emad, F.
MW 2:00pm-3:15pm (EGR 3106)

ENEE469G Topics in Control: Global Positioning System Theory and Technology; (3) REG.
0101 **(19517)** Krishnaprasad, P.
TuTh 3:30pm-4:45pm (EGR 2103)

ENEE472 Electric Power System Components; (3) REG. *Prerequisite: ENEE 322; and ENEE 380; and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(19445)** Mayergoyz, I.
TuTh 9:30am-10:45am (EGR 1108)

ENEE473 Electrical Machines Laboratory; (2) REG. *Prerequisite: ENEE 305 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(19455)** Wilson, B.
W 1:00pm-1:50pm (EGR 1104)
W 2:00pm-5:00pm (AVW 1360) Lab
0103 **(19456)** Wilson, B.
W 1:00pm-1:50pm (EGR 1104)
Th 2:00pm-5:00pm (AVW 1360) Lab
0106 **(19457)** Wilson, B.
W 1:00pm-1:50pm (EGR 1104)
F 2:00pm-5:00pm (AVW 1360) Lab

ENEE475 Power Electronics; (3) REG. *Prerequisite: ENEE 302 and completion of all lower-division technical courses in the EE curriculum. See above note.*
0101 **(19467)** Wilson, B.
MWF 11:00am-11:50am (EGR 3106)

ENEE480 Fundamentals of Solid State Electronics; (3) REG. *Prerequisite: ENEE 302 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(19477)** Orloff, J.
TuTh 11:00am-12:15pm (EGR 1102)

ENEE481 Antennas; (3) REG. *Prerequisite: ENEE 381 and completion of all lower-division technical courses in the EE curriculum. See above note.*
0101 **(19487)** Zaki, K.
TuTh 11:00am-12:15pm (AVW 3336)

ENEE486 Optoelectronics Lab; (2) REG. *Prerequisites: ENEE 305 and PHYS 263 and completion of all lower-division technical courses in the EE curriculum.* ENEE majors (09090) only.
0101 **(19497)** Goldhar, J.
Tu 1:00pm-1:50pm (EGR 0102)
Tu 2:00pm-5:00pm (EGL 1144) Lab

ENEE489M Topics in Electrophysics: Introduction to Magnetic Information Storage; (3) REG.
0101 **(19527)** Gomez, R.
TuTh 11:00am-12:15pm (JMP 3105)

ENEE497 Optical System Design; (3) REG/AUD. *Corequisite: ENEE 381. Completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(19537)** Davis, C.
MW 9:30am-10:45am (EGR 2103)

ENEE498E Topics in Electrical Engineering: Electronics for Communication; (3) REG. Prerequisites: permission of department and completion of all lower-division technical courses in the EE curriculum. See above note. For ENEE majors (09090) only.
0101 **(19507)** Lin, H.
TuTh 8:00am-9:15am (AVW 3336)

ENEE499 *(PermReq)* **Senior Projects in Electrical Engineering; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number. ENEE majors (09090) only.

ENEE608A Graduate Seminar: Communications Seminar; (1) REG/AUD. Electrical engineering majors only.
0101 **(19547)** STAFF
Tu 4:00pm-5:00pm (JMP 2202)

ENEE608B Graduate Seminar: Computers; (1) REG/AUD. Electrical engineering majors only.
0101 **(19557)** STAFF
Th 5:00pm-6:00pm (JMP 3104)

ENEE608C Graduate Seminar: Controls; (1) REG/AUD. Electrical engineering majors only.
0101 **(19567)** STAFF
Th 11:00am-12:00pm (EGR 2154)

ENEE608D Graduate Seminar: Electrophysics; (1) REG/AUD. Electical engineering majors only.
0101 **(19577)** STAFF
F 4:00pm-5:00pm (JMP 3104)

ENEE608E Graduate Seminar: Microelectronics Seminar; (1) REG/AUD. Electrical engineering majors only.
0101 **(19587)** STAFF
M 6:30pm-7:30pm (EGR 3102)

ENEE610 Electrical Network Theory; (3) REG/AUD. *Prerequisite: undergraduate circuit theory or permission of instructor.*
0101 **(19719)** Newcomb, R.
MW 5:00pm-6:15pm (AVW 3336)

ENEE620 Random Processes in Communication and Control; (3) REG/AUD. *Prerequisite: ENEE 324 or equivalent.*
0101 **(19729)** Tassiulas, L.
MW 5:00pm-6:15pm (JMP 2229)

ENEE624 Advanced Digital Signal Processing; (3) REG/AUD. *Prerequisites: ENEE 425 or equivalent. Corequisite: ENEE 620. Formerly ENEE 724.*
0101 **(19739)** Liu, K.
MW 11:00am-12:15pm (CHM 0119)

ENEE625 Multi-user Communication; (3) REG/AUD. *Prerequisite: ENEE 620.*
0101 **(19749)** Narayan, P.
TuTh 11:00am-12:15pm (EGR 2107)

ENEE640 *(PermReq)* **VLSI Architecture; (3)** REG/AUD. *Prerequisites: ENEE 446 or equivalent; and ENEE 488Z (Computer-Aided Digital System Design Lab) or equivalent; or permission of instructor.*
0101 **(19750)** Nakajima, K.
W 12:30pm-2:00pm (AVW 3336)
W 2:00pm-5:00pm (AVW 1458) Lab

ENEE646 Digital Computer Design; (3) REG/AUD. *Prerequisite: ENEE 446.*
0101 **(19759)** Vishkin, U.
TuTh 2:00pm-3:15pm (CHE 2108)

ENEE661 Nonlinear Control Systems; (3) REG/AUD. *Prerequisite: ENEE 460 or permission of instructor.*
0101 **(19799)** Levine, W.
TuTh 3:30pm-4:45pm (AVW 3336)

ENEE663 System Theory; (3) REG/AUD. *Also offered as MAPL 640.*
0101 **(19809)** Marcus, S.
MW 3:30pm-4:45pm (ERB 0305)

ENEE680 Electromagnetic Theory I; (3) REG/AUD. *Prerequisite: ENEE 381 or equivalent.*
0101 **(19819)** Ho, P.
TuTh 3:30pm-4:45pm (CHM 2201)

ENEE690 Quantum and Wave Phenomena with Electrical Application; (3) REG/AUD. *Prerequisites: ENEE 381 and ENEE 382 or equivalent.*
0101 **(19829)** Dagenais, M.
TuTh 5:00pm-6:15pm (EGR 3106)

ENEE699A *(PermReq)* **Graduate Projects in Electrical Engineering: Independent Study; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ENEE699B *(PermReq)* **Graduate Projects in Electrical Engineering; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ENEE719Q Advanced Topics in Microelectronics: Microelectronics Device Reliability; (3) REG.
0101 **(51738)** Bernstein, J.
Tu 6:30pm-9:10pm (EGR 2103)

ENEE721 Information Theory; (3) REG/AUD. *Corequisite: ENEE 620. Prerequisite: STAT 400 or equivalent. Also offered as MAPL 731.*
0101 **(19839)** Papamarcou, A.
MW 2:00pm-3:15pm (EGR 2103)

ENEE752 *(PermReq)* **Knowledge Engineering; (3)** REG/AUD. *Prerequisite: permission of instructor.*
0101 **(19860)** Declaris, N.
TuTh 6:30pm-7:45pm (AVW 3336)

ENEE759E Advanced Topics in Computer Engineering: Modeling, Analysis, and Optimization of Embedded Software; (3) REG.
0101 **(20031)** Bhattacharyya, S.
TuTh 5:00pm-6:15pm (JMP 3105)

ENEE759I Advanced Topics in Computer Engineering: Operating Systems; (3) REG.
0101 **(51786)** Gligor, V.
TuTh 12:30pm-1:45pm (JMP 3105)

ENEE759J Advanced Topics in Computer Engineering: Interconnection Networks; (3) REG.
0101 **(19859)** Oruc, Y.
MW 5:00pm-6:15pm (EGR 1102)

ENEE769P Advanced Topics in Controls; (3) REG/AUD.
0201 **(19869)** Antman, S.
TuTh 2:00pm-3:15pm (MTH B0423)

ENEE780 Microwave Engineering; (3) REG/AUD. *Prerequisite: ENEE 681.*
0101 **(19879)** Granatstein, V.
TuTh 3:30pm-4:45pm (JMP 3105)

ENEE789F Advanced Topics in Electrophysics: Fourier Optics; (3) REG/AUD.
0101 **(19880)** Mait, J.
TuTh 9:30am-10:45am (EGR 0135)

ENEE791 Quantum Electronics II; (3) REG/AUD.
0101 **(19889)** Lee, C.
MW 3:30pm-4:45pm (AVW 3336)

ENEE793 Solid State Electronics; (3) REG/AUD. *Prerequisite: a graduate course in quantum mechanics or permission of instructor.*
0101 **(19899)** Yang, C.
MW 11:00am-12:15pm (AVW 3336)

ENEE799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ENEE899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ENES Engineering Science (Engineering)

ENES100 *(PermReq)* **Introduction to Engineering Design; (3)** REG/P-F/AUD. CORE: PS For Engineering majors only. ENES 100 may be used to fulfill the ENES 101 requirement effective Fall 1992.
0102 **(20080)** STAFF
W 11:00am-11:50am (JMZ 0220)
M 10:00am-12:00pm (JMP 1202) Dis
0103 **(20081)** STAFF
W 11:00am-11:50am (JMZ 0220)
M 2:00pm-4:00pm (JMP 1202) Dis
0104 **(20082)** STAFF
W 11:00am-11:50am (JMZ 0220)
Tu 8:00am-10:00am (JMP 1202) Dis
0105 **(20083)** STAFF
W 11:00am-11:50am (JMZ 0220)
Th 10:00am-12:00pm (JMP 1202) Dis
0106 **(20084)** STAFF
W 11:00am-11:50am (JMZ 0220)
Tu 2:00pm-4:00pm (JMP 1202) Dis
0202 **(20085)** STAFF
W 12:00pm-12:50pm (HJP 0226)
M 12:00pm-2:00pm (JMP 1202) Dis
0203 **(20086)** STAFF
W 12:00pm-12:50pm (HJP 0226)
Th 8:00am-10:00am (JMP 1202) Dis
0204 **(20087)** STAFF
W 12:00pm-12:50pm (HJP 0226)
Tu 12:00pm-2:00pm (JMP 1202) Dis
0205 **(20088)** STAFF
W 12:00pm-12:50pm (HJP 0226)
Th 12:00pm-2:00pm (JMP 1202) Dis
0206 **(20089)** STAFF
W 12:00pm-12:50pm (HJP 0226)
Th 2:00pm-4:00pm (JMP 1202) Dis

ENES100+ Introduction to Engineering Design; (3) REG/P-F/AUD. Restricted to students in a First Year Focus Cluster.
0104 **(20099)** STAFF
W 11:00am-11:50am (JMZ 0220)
Tu 8:00am-10:00am (JMP 1202) Dis
0206 **(20100)** STAFF
W 12:00pm-12:50pm (HJP 0226)
Th 2:00pm-4:00pm (JMP 1202) Dis

ENES100G Introduction to Engineering Design; (3) REG/P-F/AUD.
0101 **(20110)** STAFF
W 11:00am-11:50am (JMZ 0220)
F 10:00am-12:00pm (JMP 1202) Dis
0102 **(20114)** STAFF
W 11:00am-11:50am (JMZ 0220)
F 2:00pm-4:00pm (JMP 1202) Dis
0201 **(20111)** STAFF
W 12:00pm-12:50pm (HJP 0226)
Tu 10:00am-12:00pm (JMP 1202) Dis
0301 **(20112)** STAFF
W 12:00pm-12:50pm (HJP 0226)
F 8:00am-10:00am (JMP 1202) Dis
0302 **(20113)** STAFF
W 12:00pm-12:50pm (HJP 0226)
M 8:00am-10:00am (JMP 1202) Dis

ENES100H Introduction to Engineering Design; (3) REG/P-F/AUD. For honors students only.
0101 **(20122)** STAFF
W 12:00pm-12:50pm (HJP 0226)
F 12:00pm-2:00pm (JMP 1202) Dis

ENES102 *(PermReq)* **Statics; (2)** REG/P-F/AUD. *Prerequisite: MATH 140. For engineering majors only. Formerly ENES 110.*
0101 **(20132)** STAFF
TuTh 11:00am-11:50am (ARM 0131)
M 1:00pm-1:50pm (EGR 0110) Dis
0102 **(20133)** STAFF
TuTh 11:00am-11:50am (ARM 0131)
Tu 1:00pm-1:50pm (EGR 0110) Dis
0103 **(20134)** STAFF
TuTh 11:00am-11:50am (ARM 0131)
W 1:00pm-1:50pm (EGR 0110) Dis
0104 **(20135)** STAFF
TuTh 11:00am-11:50am (ARM 0131)
Th 1:00pm-1:50pm (EGR 0110) Dis
0201 **(20136)** STAFF
TuTh 11:00am-11:50am (ARM 0135)
M 1:00pm-1:50pm (PHY 4208) Dis
0202 **(20137)** STAFF
TuTh 11:00am-11:50am (ARM 0135)
Tu 1:00pm-1:50pm (EGR 1108) Dis
0203 **(20138)** STAFF
TuTh 11:00am-11:50am (ARM 0135)
W 1:00pm-1:50pm (CHM 0127) Dis
0204 **(20139)** STAFF
TuTh 11:00am-11:50am (ARM 0135)
Th 1:00pm-1:50pm (EGR 1108) Dis

ENES188 Special Topics: Dialogue with the Dean; (1) REG. For new freshmen and transfer engineering students only.
0101 **(20140)** Destler, W.
W 4:00pm-5:00pm (EGR 1202)

ENES190H Introduction to Design and Quality; (3) REG. *Prerequisite: permission of College. Also offered as BMGT 190.* Honors.
0101 **(20149)** Dieter, G.
MW 5:00pm-6:15pm (VMH 2203)

ENES220 Mechanics of Materials; (3) REG/AUD. *Prerequisites: ENES 102; and MATH 141; and PHYS 161. For engineering majors only (not including ENEE majors).* Prerequisite: student in the College of Engineering.
0101 **(20159)** Chang, P.
MW 9:00am-9:50am (SHM 2101)
M 2:00pm-4:00pm (EGR 1104) Dis
0102 **(20160)** Chang, P.
MW 9:00am-9:50am (SHM 2101)
W 2:00pm-4:00pm (EGR 1104) Dis
0201 **(20161)** Colville, J.
MW 9:00am-9:50am (CHM 0127)
M 2:00pm-4:00pm (CHM 0122) Dis
0202 **(20162)** Colville, J.
MW 9:00am-9:50am (CHM 0127)
W 2:00pm-4:00pm (CHE 2136) Dis
0301 **(20163)** Chang, P.
TuTh 9:00am-9:50am (CHM 0127)
Tu 2:00pm-4:00pm (CHM 0127) Dis
0302 **(20164)** Chang, P.
TuTh 9:00am-9:50am (CHM 0127)
Th 2:00pm-4:00pm (EGR 2112) Dis

ENES221 Dynamics; (3) REG/P-F/AUD. *Prerequisites: ENES 102 or ENES 110; and MATH 141; and PHYS 161.* Prerequisite: student in the College of Engineering.
0101 **(20174)** Walston, W.
TuTh 8:00am-8:50am (EGR 1202)
M 1:00pm-2:50pm (JMP 2229) Dis
0102 **(20175)** Walston, W.
TuTh 8:00am-8:50am (EGR 1202)
Tu 1:00pm-2:50pm (JMP 3104) Dis
0103 **(20176)** Walston, W.
TuTh 8:00am-8:50am (EGR 1202)
W 1:00pm-2:50pm (JMP 3105) Dis
0104 **(20177)** Walston, W.
TuTh 8:00am-8:50am (EGR 1202)
Th 1:00pm-2:50pm (JMP 3104) Dis
0105 **(20178)** Walston, W.
TuTh 8:00am-8:50am (EGR 1202)
F 1:00pm-2:50pm (EGR 0108) Dis

ENES230 Introduction to Materials and their Applications; (3) REG/P-F/AUD. *Prerequisite: ENES 100 or permission of department.* Prerequisite: student in the College of Engineering.
0101 **(20188)** Kofinas, P.
TuTh 11:00am-12:15pm (CHE 2108)

ENES386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

ENES388 Engineering Honors Seminar; (1) REG/P-F.
0101 **(20199)** McCuen, R.
W 12:00pm-12:50pm (EGR 0102)

ENES388G *(PermReq)* **Engineering Honors Seminar: Practicum in Group Project Management; (1)** REG/P-F.
0101 **(20209)** Schnell, E.
Time and room to be arranged

ENES388T *(PermReq)* **Engineering Honors Seminar: Seminar in College Teaching; (1)** REG/P-F.
0101 **(20219)** Fines, J.
W 5:00pm-7:00pm (JMP 2102)

ENES490H The Total Quality Practicum; (3) REG/P-F/AUD. *Prerequisite: BMGT 390 or ENES 390. Also offered as BMGT 490.*
0101 **(20229)** Assad, A.
TuTh 5:00pm-6:15pm (VMH 1202)

ENFP Engineering, Fire Protection (Engineering)

ENFP251 Introduction to Fire Protection Engineering; (3) REG/P-F/AUD.
0101 **(20279)** Brannigan, V.
TuTh 9:30am-10:45am (CHM 0119)

ENFP300 Fire Protection Fluid Mechanics; (3) REG/P-F/AUD. *Prerequisites: MATH 246 and PHYS 262 and ENES 221. Formerly ENFP 290.*
0101 **(20289)** Quintiere, J.
TuTh 2:00pm-3:15pm (EGR 0135)

ENFP320 Fire Assessment Methods and Laboratory; (4) REG/P-F/AUD. *For ENFP majors only.*
0101 **(20299)** Mowrer, F.
MW 1:30pm-2:50pm (EGR 0135)
W 3:00pm-4:50pm (Arranged) Lab

ENFP415 *(PermReq)* **Fire Dynamics; (3)** REG/P-F/AUD. *Prerequisites: ENCH 300 or ENME 320; and ENCE 330 or ENME 342; and ENFP 312 or permission of department.*
0101 **(20309)** Quintiere, J.
TuTh 3:30pm-4:45pm (EGR 0135)

ENFP416 *(PermReq)* **Problem Synthesis and Design; (3)** REG/P-F/AUD. *Senior standing.*
0101 **(20319)** Spivak, S.
Time and room to be arranged

ENFP421 *(PermReq)* **Functional and Life Safety Analysis; (3)** REG/P-F/AUD. *Prerequisite: ENFP 320. For ENFP majors only.*
0101 **(20329)** STAFF
M 10:00am-11:50am (JMP 2229)
W 10:00am-10:50am (EGR 0135) Dis
0102 **(20330)** STAFF
M 10:00am-11:50am (JMP 2229)
W 11:00am-11:50am (EGR 0135) Dis

ENFP429 Independent Studies; (1-3) REG/P-F.
0101 **(20340)** STAFF
Time and room to be arranged

ENFP431 Building Safety and the Law; (3) REG/P-F/AUD. *Junior standing.*
0101 **(20350)** Brannigan, V.
W 2:00pm-4:30pm (EGR 0108)

ENFP489J Special Topics: Fire and Combustion; (3) REG/P-F/AUD.
0101 **(20360)** Torero, J.
Tu 5:00pm-8:00pm (EGR 0104)

ENFP619 *(PermReq)* **Graduate Seminar; (1-3)** REG/AUD.
0101 **(20370)** Spivak, S.
M 3:00pm-3:50pm (EGL 1127)
Time and room to be arranged Dis

ENFP622 Fire Protection Engineering Hazard Analysis; (3) REG/AUD. *Prerequisite: ENFP 610.*
0101 **(20390)** Mowrer, F.
M 5:00pm-8:00pm (EGR 0135)

ENFP629 Selected Topics; (3) REG/AUD.
0101 **(20400)** STAFF
Time and room to be arranged

ENFP649J *(PermReq)* **Special Problems: Topics in Fire and Combustion; (3)** REG/AUD.
0101 **(20410)** Torero, J.
Tu 5:00pm-8:00pm (EGR 0104)

ENFP799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

ENGL English (Arts and Humanities)

A student enrolled in ENGL A101 for Spring 1997, will have a reserved seat in ENGL 101 for the Fall 1997 semester. The enrollment must be confirmed during Fall 1997 advance registration.

ENGL101 Introduction to Writing; (3) REG. Students with a TWSE score below 33 must take ENGL 101A in place of ENGL 101. Students for whom English is a second language should consider taking ENGL 101X in place of ENGL 101.
0102 **(20498)** Kelly, E.
MWF 9:00am-9:50am (HBK 1108)
0103 **(20559)** Mondie, L.
MWF 9:00am-9:50am (DNC 1147A)
0107 **(20499)** Hurd, R.
MWF 9:00am-9:50am (KEY 0124)
0108 **(20500)** STAFF
MWF 9:00am-9:50am (KEY 0125)
0203 **(20561)** STAFF
MWF 10:00am-10:50am (EGR 1106)
0204 **(20562)** Mondie, L.
MWF 10:00am-10:50am (SQH 1121)
0205 **(20503)** McCarthy, K.
MWF 10:00am-10:50am (KEY 0123)
0206 **(20504)** STAFF
MWF 10:00am-10:50am (EGR 3114)
0207 **(20505)** STAFF
MWF 10:00am-10:50am (HBK 0115)
0301 **(20506)** Johnson, S.
MWF 11:00am-11:50am (ARM 0120)
0302 **(20507)** STAFF
MWF 11:00am-11:50am (ARM 0102)
0303 **(20508)** STAFF
MWF 11:00am-11:50am (ARM 0103)
0308 **(20511)** Perillo, J.
MWF 11:00am-11:50am (CHM 0122)
0309 **(20512)** STAFF
MWF 11:00am-11:50am (KEY 0125)
0311 **(20513)** STAFF
MWF 11:00am-11:50am (ARC 1125)
0401 **(20514)** STAFF
MWF 12:00pm-12:50pm (SQH 1105)
0402 **(20515)** STAFF
MWF 12:00pm-12:50pm (EGR 3106)
0408 **(20516)** Perillo, J.
MWF 12:00pm-12:50pm (CHE 2120)
0504 **(20517)** Anderson, W.
MWF 1:00pm-1:50pm (KEY 0126)
0605 **(20518)** STAFF
MWF 2:00pm-2:50pm (SQH 1101)
1002 **(20519)** Oliver, G.
TuTh 8:00am-9:15am (SQH 1111)
1004 **(20520)** STAFF
TuTh 9:30am-10:45am (HBK 1112)
1101 **(20522)** Hantman, B.
TuTh 9:30am-10:45am (KEY 0120)
1102 **(20523)** Tabor, K.
TuTh 9:30am-10:45am (KEY 0119)
1105 **(20524)** STAFF
TuTh 9:30am-10:45am (ARM 0105)
1106 **(20525)** STAFF
TuTh 9:30am-10:45am (ARM 0120)
1107 **(20526)** STAFF
TuTh 9:30am-10:45am (KEY 0123)
1110 **(20527)** STAFF
TuTh 9:30am-10:45am (KEY 0124)
1111 **(20558)** STAFF
TuTh 9:30am-10:45am (JMP 1109)
1202 **(20528)** Foss, R.
TuTh 11:00am-12:15pm (KEY 0124)
1203 **(20529)** DiMarco, A.
TuTh 11:00am-12:15pm (JMP 1109)
1205 **(20530)** Slack, K.
TuTh 11:00am-12:15pm (KEY 0117)
1206 **(20531)** Heidkamp, B.
TuTh 11:00am-12:15pm (PLS 1172)
1207 **(20532)** Schramm, G.
TuTh 11:00am-12:15pm (ARM 0102)
1208 **(20533)** STAFF
TuTh 11:00am-12:15pm (JUL 1105)
1209 **(20534)** Tabor, K.
TuTh 11:00am-12:15pm (JMZ 2117)
1210 **(20535)** Hantman, B.
TuTh 11:00am-12:15pm (KEY 0123)
1212 **(20536)** STAFF
TuTh 11:00am-12:15pm (TWS 0131)
1213 **(20537)** STAFF
TuTh 11:00am-12:15pm (ZOP 1124)
1303 **(20539)** STAFF
TuTh 12:30pm-1:45pm (TYD 2108)
1304 **(20540)** STAFF
TuTh 12:30pm-1:45pm (WDS 1130)
1305 **(20541)** STAFF
TuTh 12:30pm-1:45pm (JMP 1109)
1308 **(20542)** STAFF
TuTh 12:30pm-1:45pm (EGR 0104)
1310 **(20543)** STAFF
TuTh 12:30pm-1:45pm (HBK 1116)
1312 **(20544)** Allocca, N.
TuTh 12:30pm-1:45pm (SQH 1123)
1313 **(20545)** STAFF
TuTh 12:30pm-1:45pm (SQH 1111)
1314 **(20546)** STAFF
TuTh 12:30pm-1:45pm (HBK 0123)
1315 **(20547)** Slaok, K.
TuTh 12:30pm-1:45pm (JRN 1105)
1316 **(20548)** Moody, S.
TuTh 12:30pm-1:45pm (KEY 0117)
1403 **(20549)** STAFF
TuTh 2:00pm-3:15pm (ARM 0102)
1404 **(20550)** STAFF
TuTh 2:00pm-3:15pm (HJP 1229)
1405 **(20551)** STAFF
TuTh 2:00pm-3:15pm (KEY 0120)
1407 **(20552)** Moody, S.
TuTh 2:00pm-3:15pm (KEY 0119)
1408 **(20553)** STAFF
TuTh 2:00pm-3:15pm (TLF 2101)
1412 **(20554)** STAFF
TuTh 2:00pm-3:15pm (HBK 1112)
1413 **(20555)** STAFF
TuTh 2:00pm-3:15pm (JMZ 3203)
1501 **(20556)** STAFF
TuTh 3:30pm-4:45pm (ARM 0101)
1504 **(20557)** STAFF
TuTh 3:30pm-4:45pm (KEY 0124)

ENGL101+ Introduction to Writing; (3) REG. Restricted to students in a First Year Focus Cluster or a College Park Scholars Program.
0001 **(20567)** Jeffers, P.
MWF 8:00am-8:50am (CBD 1134)
Restricted to College Park Scholars - Science, Technology and Society.

0104 **(20597)** Chang, E.
MWF 9:00am-9:50am (JMZ 2122)
Restricted to College Park Scholars - Environmental Studies.

0109 **(20568)** Beard, P.
MWF 9:00am-9:50am (CBD 1134)
Restricted to College Park Scholars - Advocates for Children.

0110 **(20569)** Elliott, M.
MWF 9:00am-9:50am (KEY 0120)
Restricted to College Park Scholars - American Cultures.

0202 **(20570)** Romagnolo, C.
MWF 10:00am-10:50am (KEY 0119)
Restricted to students in a First Year Focus Cluster.

0203 **(20571)** Kelly, E.
MWF 10:00am-10:50am (ARM 0118)
Restricted to students in a First Year Focus Cluster.

0208 **(20572)** Jeffers, P.
MWF 10:00am-10:50am (CBD 1135)
Restricted to College Park Scholars - Public Leadership.

0209 **(20573)** Brown, J.
MWF 10:00am-10:50am (CBD 1134)
Restricted to College Park Scholars - Artists.

0210 **(20574)** Chang, E.
MWF 10:00am-10:50am (ARM 0101)
Restricted to students in a First Year Focus Cluster.

0304 **(20598)** STAFF
MWF 11:00am-11:50am (ARM 0118)
Restricted to College Park Scholars - Public Leadership.

0305 **(20599)** STAFF
MWF 11:00am-11:50am (CHE 2120)
Restricted to College Park Scholars - Science and Discovery of Knowledge.

0306 **(20575)** STAFF
MWF 11:00am-11:50am (CBD 1135)
Restricted to College Park Scholars - Life Sciences.

0307 **(20576)** Brown, J.
MWF 11:00am-11:50am (CBD 1134)
Restricted to College Park Scholars - Artists.

0310 **(20577)** Elliott, M.
MWF 11:00am-11:50am (HBK 0109)
Restricted to College Park Scholars - American Cultures.

0405 **(20578)** Lewnes, L.
MWF 12:00pm-12:50pm (WDS 1127)
Restricted to students in a First Year Focus Cluster.

0408 **(20579)** STAFF
MWF 12:00pm-12:50pm (CBD 1135)
Restricted to College Park Scholars - Life Sciences.

0410 **(20580)** Macys, V.
MWF 12:00pm-12:50pm (SQH 2120)
Restricted to College Park Scholars - International Studies.

0501 **(20581)** STAFF
MWF 12:00pm-12:50pm (KEY 0117)
Restricted to College Park Scholars - Advocates for Children.

0505 **(20582)** Heidkamp, B.
TuTh 12:30pm-1:45pm (PLS 1176)
Restricted to College Park Scholars - American Cultures.

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

ENGL101+ (cont'd)

0506 **(20583)** Romagnolo, C.
MWF 1:00pm-1:50pm (SQH 1101)
Restricted to students in a First Year Focus Cluster.

0507 **(20584)** Jones, T.
MWF 1:00pm-1:50pm (CBD 1134)
Restricted to College Park Scholars - Environmental Studies.

0602 **(20585)** STAFF
MWF 2:00pm-2:50pm (CBD 1134)
Restricted to College Park Scholars - Environmental Studies.

0606 **(20586)** Snader, R.
MWF 2:00pm-2:50pm (CBD 1135)
Restricted to College Park Scholars - Science, Technology, and Society.

0702 **(20587)** Snader, R.
MWF 3:00pm-3:50pm (CBD 1134)
Restricted to College Park Scholars - Science, Technology, and Society.

1007 **(20600)** STAFF
TuTh 9:30am-10:45am (CBD 1135)
Restricted to College Park Scholars - Science and Discovery in Knowledge.

1108 **(20588)** Schramm, G.
TuTh 9:30am-10:45am (ARM 0119)
Restricted to students in a First Year Focus Cluster.

1214 **(20596)** Duvall, J.
TuTh 11:00am-12:15pm (SQH 1123)
Restricted to students in a First Year Focus Cluster.

1301 **(20590)** DiMarco, A.
TuTh 12:30pm-1:45pm (HBK 1108)
Restricted to students in a First Year Focus Cluster.

1311 **(20591)** Macri, L.
TuTh 12:30pm-1:45pm (CBD 1134)
Restricted to College Park Scholars - Life Sciences.

1401 **(20592)** Sarlin, E.
TuTh 2:00pm-3:15pm (HBK 1116)
Restricted to students in a First Year Focus Cluster.

1501 **(20593)** STAFF
TuTh 11:00am-12:15pm (CBD 1134)
Restricted to College Park Scholars - Life Sciences.

1601 **(20594)** STAFF
MWF 9:00am-9:50am (DNC 1143)
Restricted to College Park Scholars - International Studies.

1701 **(20595)** STAFF
TuTh 9:30am-10:45am (CBD 1134)
Restricted to College Park Scholars - Public Leadership.

ENGL101A Introduction to Writing; (3) REG. Students should take ENGL 101A rather than ENGL 101 if their TWSE score (a subscore of the SAT verbal) is 33 or below.
1701 **(20605)** Brovey, A.
MWF 2:00pm-2:50pm (SQH 1107)
1706 **(20606)** STAFF
TuTh 9:30am-10:45am (ARC 1125)
1707 **(20607)** Brovey, A.
MWF 10:00am-10:50am (KEY 0124)

ENGL101H Introduction to Writing; (3) REG. For general honors students or students with a verbal SAT of 600 or better.
0101 **(20617)** Peterson, W.
MWF 10:00am-10:50am (ARM 0120)
0201 **(20618)** Pearson, N.
MWF 1:00pm-1:50pm (KEY 0123)
0301 **(20619)** Pearson, N.
MWF 12:00pm-12:50pm (SQH 1123)
0401 **(20620)** Orlando, E.
MWF 10:00am-10:50am (KEY 0117)
0501 **(20621)** O'Foran, M.
TuTh 9:30am-10:45am (JMZ 1120)
0701 **(20622)** O'Foran, M.
TuTh 11:00am-12:15pm (JMZ 1104)
0801 **(20623)** Singer, M.
TuTh 12:30pm-1:45pm (DNC 1147A)
0901 **(20624)** Pleydell, S.
TuTh 2:00pm-3:15pm (COL 3109)
1001 **(20625)** Orlando, E.
MWF 9:00am-9:50am (SYM 1308)

ENGL101X Introduction to Writing; (3) REG. Limited to students for whom English is a second language. To register for ENGL 101X, a student must first demonstrate competence in English. Proof of one of the following should be brought to Undergraduate Advising. A TOEFL score of 550 with no sectional score below 50. 2. A CELT score of 220 with no subtest score below 60 and a rating of 5 or better on the writing sample. 3. Successful completion of UMEI 005: Advanced English as a Foreign Language, Semi-Intensive.
2002 **(20635)** Satelmajer, I.
TuTh 9:30am-10:45am (TYD 1108)
2003 **(20636)** Satelmajer, I.
TuTh 11:00am-12:15pm (JMZ 1124)
2004 **(20637)** Prime, M.
MWF 10:00am-10:50am (CHE 2140)
2006 **(20638)** STAFF
MWF 11:00am-11:50am (EGR 3114)
2007 **(20639)** Prime, M.
MWF 9:00am-9:50am (KEY 0119)
2009 **(20640)** STAFF
MWF 12:00pm-12:50pm (HBK 0109)
2010 **(20641)** Zhu, A.
TuTh 12:30pm-1:45pm (ARM 0105)

ENGL201 Western World Literature: Homer to the Renaissance; (3) REG/P-F/AUD. CORE: HL
0201 **(20651)** Wilson, G.
TuTh 11:00am-12:15pm (SQH 2117)
0301 **(20652)** Jones, T.
MWF 11:00am-11:50am (SQH 2120)

ENGL201H Western World Literature: Homer to the Renaissance; (3) REG/P-F/AUD. CORE: HL For general honors students only.
0101 **(20662)** Howard, J.
TuTh 11:00am-12:15pm (WDS 0104)
0201 **(20663)** Howard, J.
TuTh 11:00am-12:15pm (WDS 0104)
Restricted to Honors Humanities students.

ENGL202 Western World Literature: Renaissance to the Present; (3) REG/P-F/AUD. CORE: HL
0101 **(20672)** Cate, G.
TuTh 9:30am-10:45am (SQH 1119)
0201 **(20673)** Doggett, R.
TuTh 11:00am-12:15pm (EDU 4233)

ENGL205 Introduction to Shakespeare; (3) REG/P-F/AUD. CORE: HL *Recommended for non-majors.*
0101 **(20683)** Grossman, M.
TuTh 11:00am-12:15pm (ZOP 1234)
0201 **(20684)** Suben, K.
TuTh 12:30pm-1:45pm (CHM 0119)
0301 **(20685)** Stackhouse, A.
TuTh 9:30am-10:45am (HBK 0123)
0401 **(20686)** Bailey, K.
MWF 10:00am-10:50am (SQH 2120)
0501 **(20687)** Burke, M.
MWF 11:00am-11:50am (KEY 0126)
0601 **(20688)** Bailey, K.
MWF 9:00am-9:50am (SQH 2121)

ENGL205H Introduction to Shakespeare; (3) REG/P-F/AUD. CORE: HL *Recommended for non-majors.* For general honors students only.
0101 **(20698)** Coogan, R.
MWF 1:00pm-1:50pm (ARC 1121)

ENGL211 English Literature: Beginnings to 1800; (3) REG/P-F/AUD. CORE: HL
0101 **(20708)** Breakstone, C.
MWF 10:00am-10:50am (ASY 3221)
0201 **(20709)** Johnson, S.
TuTh 9:30am-10:45am (JMZ 2206)

ENGL212 English Literature: 1800 to the Present; (3) REG/AUD. CORE: HL
0101 **(20718)** Cate, G.
TuTh 2:00pm-3:15pm (DNC 1147A)
0201 **(20719)** Garofalo, D.
MWF 11:00am-11:50am (SQH 1107)
0301 **(20720)** Johnson, S.
TuTh 11:00am-12:15pm (KEY 0103)

ENGL221 American Literature: Beginning to 1865; (3) REG/P-F/AUD. CORE: HL
0101 **(20729)** Sevick, L.
MWF 10:00am-10:50am (DNC 1139B)

ENGL222 American Literature: 1865 to Present; (3) REG/P-F/AUD. CORE: HL
0101 **(20739)** Van Egmond, P.
TuTh 11:00am-12:15pm (SQH 1107)
0201 **(20740)** Lazo, R.
MWF 1:00pm-1:50pm (SQH 1121)
0301 **(20741)** Parikh, C.
TuTh 11:00am-12:15pm (SQH 2120)
0401 **(20742)** Walsh, A.
MWF 9:00am-9:50am (SQH 1107)
0601 **(20743)** Kim, Y.
TuTh 12:30pm-1:45pm (SQH 1101)

ENGL234 Introduction to African-American Literature; (3) REG/P-F/AUD. CORE: HL DIVERSITY
0101 **(20753)** Hammond, E.
MWF 10:00am-10:50am (SQH 1103)
0201 **(20754)** Carroll, A.
TuTh 11:00am-12:15pm (HBK 0123)
0301 **(20755)** Orgeron, D.
MWF 9:00am-9:50am (SQH 1119)
0401 **(20756)** Crawford, N.
MWF 11:00am-11:50am (SQH 1119)
0501 **(20757)** Crawford, N.
MWF 10:00am-10:50am (SQH 2121)
0601 **(20758)** Solomon, T.
TuTh 9:30am-10:45am (DNC 1147A)
0701 **(20759)** Orgeron, D.
MWF 10:00am-10:50am (SQH 1119)
0801 **(20760)** Carroll, A.
TuTh 12:30pm-1:45pm (EDU 4233)

ENGL235 Introduction to the Literatures of the African Diaspora; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Not open to students who have completed CMLT 235. Credit will be granted for only one of the following: CMLT 235 or ENGL 235.*
0101 **(20770)** Silberman, S.
TuTh 2:00pm-3:15pm (SQH 1119)

ENGL240 Introduction to Fiction, Poetry, and Drama; (3) REG/P-F/AUD. CORE: HL *Not open to students who have completed ENGL 102.*
0201 **(20781)** Forrester, M.
MWF 10:00am-10:50am (COL 3112)
0301 **(20782)** Forrester, M.
MWF 12:00pm-12:50pm (SQH 1101)

ENGL241 Introduction to the Novel; (3) REG/P-F/AUD. CORE: HL
0101 **(20792)** Morrison, S.
TuTh 11:00am-12:15pm (SQH 1121)
0401 **(20793)** Delrosso-Freeman, J.
MWF 9:00am-9:50am (SQH 2117)
0601 **(20794)** Beard, P.
MWF 11:00am-11:50am (SQH 1117)
0901 **(20795)** Salamanca, J.
TuTh 9:30am-10:45am (SQH 2120)
1001 **(20796)** Osterman, J.
MWF 10:00am-10:50am (COL 3111)

ENGL242 Introduction to Non-Fiction Prose; (3) REG/P-F/AUD. CORE: HL
0101 **(20806)** Schoop, M.
MWF 11:00am-11:50am (KEY 0116)

ENGL243 Introduction to Poetry; (3) REG/P-F/AUD. CORE: HL
0401 **(20817)** Carroll, A.
TuTh 2:00pm-3:15pm (TYD 2108)
0501 **(20818)** Benvenuto, A.
TuTh 9:30am-10:45am (SQH 2122)
0601 **(20819)** Gordon, M.
MWF 10:00am-10:50am (KEY 0103)
0701 **(20820)** Gordon, M.
MWF 11:00am-11:50am (KEY 0123)
0801 **(20821)** Schoop, M.
MWF 12:00pm-12:50pm (SQH 2117)
1001 **(20823)** Cate, G.
TuTh 12:30pm-1:45pm (JMZ 0202)
1201 **(20825)** Burke, M.
MWF 1:00pm-1:50pm (SQH 1105)

ENGL244 Introduction to Drama; (3) REG/P-F/AUD. CORE: HL
0101 **(20835)** Taylor, D.
TuTh 2:00pm-3:15pm (SQH 1103)
0201 **(20838)** Taylor, D.
TuTh 11:00am-12:15pm (CSS 2352)
0401 **(20836)** Macys, V.
MWF 11:00am-11:50am (DNC 1147A)
0501 **(20837)** Osherow, M.
TuTh 9:30am-10:45am (SQH 1107)

ENGL245 Film and the Narrative Tradition; (3) REG/P-F/AUD. CORE: HA
0101 **(20847)** Kolker, R.
Tu 2:00pm-3:15pm (SQH 1121)
Th 1:30pm-3:30pm (SQH 1120) Lab

ENGL250 Introduction to Literature by Women; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as WMST 255. Credit will be granted for only one of the following: ENGL 250 or WMST 255.*
0101 **(20857)** Terchek, M.
TuTh 9:30am-10:45am (SQH 1103)
0301 **(20858)** Williams, G.
MWF 11:00am-11:50am (SQH 2122)
0401 **(20859)** Vetter, L.
TuTh 11:00am-12:15pm (ARM 0105)
0501 **(20860)** Vetter, L.
TuTh 12:30pm-1:45pm (SQH 1119)
0601 **(20861)** Deloughrey, E.
TuTh 9:30am-10:45am (HBK 1116)
0701 **(20862)** Biele, J.
MWF 10:00am-10:50am (HBK 1112)
0801 **(20863)** Dobson, K.
MWF 9:00am-9:50am (KEY 0103)

ENGL260 Introduction to Folklore; (3) REG/P-F/AUD. CORE: SH
0101 **(20873)** Pearson, B.
TuTh 11:00am-12:15pm (SQH 1105)

ENGL277 Mythologies: An Introduction; (3) REG/P-F/AUD. CORE: HL
0101 **(20883)** STAFF
MWF 11:00am-11:50am (COL 3111)

ENGL281 Standard English Grammar, Usage, and Diction; (3) REG/P-F/AUD.
0101 **(20903)** Dambroski, S.
MWF 9:00am-9:50am (SQH 1105)
0201 **(20904)** Oliver, G.
TuTh 9:30am-10:45am (SQH 2117)

ENGL282 Introduction to Rhetorical Theory; (3) REG/P-F/AUD. CORE: HO
0101 **(20914)** Macri, L.
TuTh 9:30am-10:45am (SQH 1121)

ENGL291 Intermediate Writing; (3) REG/P-F/AUD.
0101 **(20924)** Ruppel, F.
MWF 11:00am-11:50am (KEY 0119)
0201 **(20925)** Ruppel, F.
MWF 9:00am-9:50am (SQH 1103)

ENGL294 Introduction to Creative Writing; (3) REG/P-F/AUD.
0101 **(20936)** Foss, R.
TuTh 12:30pm-1:45pm (SQH 1117)
0301 **(20937)** Anderson, W.
MW 2:00pm-3:15pm (SQH 2122)

ENGL294N Introduction to Creative Writing; (3) REG/P-F/AUD. Creative writing taught from an African American perspective.
0101 **(20947)** Russell, V.
TuTh 3:30pm-5:00pm (NCC 0120)

ENGL296 Beginning Fiction Workshop; (3) REG/P-F/AUD.
0101 **(20957)** Provorny, M.
MW 12:00pm-1:15pm (KEY 0119)
0201 **(20958)** Provorny, M.
MW 2:00pm-3:15pm (KEY 0117)
0301 **(20959)** Fromme, G.
TuTh 2:00pm-3:15pm (SQH 1111)

ENGL297 Beginning Poetry Workshop; (3) REG/P-F/AUD.
0101 **(20969)** Nelson, M.
MW 2:00pm-3:15pm (SQH 1111)
0201 **(20970)** Martinelli, B.
TuTh 2:00pm-3:15pm (JMZ 1104)

ENGL301 Critical Methods in the Study of Literature; (3) REG/P-F/AUD. *For English and English education majors only.*
0101 **(20980)** Auerbach, J.
TuTh 9:30am-10:45am (SQH 1111)
0201 **(20981)** Auerbach, J.
TuTh 11:00am-12:15pm (SQH 1117)
0301 **(20982)** Chuh, K.
TuTh 2:00pm-3:15pm (SQH 1107)
0401 **(20983)** Hammond, E.
MWF 9:00am-9:50am (SQH 1101)
0501 **(20984)** Leinwand, T.
TuTh 12:30pm-1:45pm (KEY 0119)
0601 **(20985)** Lindemann, M.
MWF 10:00am-10:50am (SQH 1111)
0701 **(20986)** Lindemann, M.
MWF 11:00am-11:50am (SQH 1105)

ENGL302 Medieval Literature in Translation; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 **(20996)** Moser, T.
TuTh 11:00am-12:15pm (KEY 0120)

ENGL305 Shakespeare and His Contemporaries: An Introduction; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 **(21016)** Sherman, W.
TuTh 2:00pm-3:15pm (TLF 1101)

ENGL310 Medieval and Renaissance British Literature; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0201 **(21026)** Barry, J.
MWF 11:00am-11:50am (KEY 0121)

ENGL311 Baroque and Augustan British Literature; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 **(21036)** Olmert, M.
MWF 10:00am-10:50am (SQH 1117)

ENGL312 Romantic to Modern British Literature; (3) REG/P-F/AUD.
0101 **(21046)** Howard, J.
TuTh 2:00pm-3:15pm (HBK 0123)

ENGL313 American Literature; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 **(21056)** Holton, W.
TuTh 9:30am-10:45am (JMZ 0202)
0201 **(21057)** Holton, W.
TuTh 2:00pm-3:15pm (WDS 0104)

ENGL348A Literary Works by Women: Contemporary Fiction by Women; (3) REG/P-F/AUD. DIVERSITY
0101 **(21067)** Leonardi, S.
MWF 10:00am-10:50am (ZOP 1238)

ENGL348B Literary Works by Women: Immigrant Women's Experiences; (3) REG/P-F/AUD. DIVERSITY
0101 **(21077)** Ryan, L.
TuTh 9:30am-10:45am (TYD 0102)

ENGL360 African, Indian and Caribbean Writers; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 **(21087)** Ray, S.
TuTh 11:00am-12:15pm (EGR 0135)

ENGL362 Caribbean Literature in English; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 **(21088)** Morrison, S.
TuTh 2:00pm-3:15pm (CHM 0115)

ENGL373 *(PermReq)* **Senior Honors Project; (3)** REG/P-F/AUD. *Prerequisite: ENGL 370. For ENGL majors only.*
0101 **(21097)** Levine, R.
Tu 3:30pm-6:00pm (SQH 2122)

ENGL377 Medieval Myth and Modern Narrative; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department. Not open to students who have completed ENGL 361. Formerly ENGL 361.*
0101 **(21107)** STAFF
MWF 1:00pm-1:50pm (SQH 2120)

ENGL379A Special Topics in Literature: 'Gay is Very American': Readings in Lesbian, Gay and Bisexual Literatures; (3) REG/P-F/AUD.
0101 **(21117)** Smith, M.
MW 11:00am-12:15pm (DNC 1139B)

ENGL379B Special Topics in Literature: Asian American Literature; (3) REG/P-F/AUD.
0101 **(21127)** Chuh, K.
TuTh 11:00am-12:15pm (TWS 0138)

ENGL379C Special Topics in Literature: Black Popular Literature; (3) REG/P-F/AUD.
0101 **(21137)** McKnight, R.
TuTh 12:30pm-1:45pm (SQH 1107)

ENGL379D Special Topics in Literature: Romancing the Booze; (3) REG/P-F/AUD.
0101 **(21147)** Isaacs, N.
MWF 10:00am-10:50am (SQH 2122)

ENGL379E Special Topics in Literature: Film Analysis - The Rhetoric of Fictional Worlds; (3) REG. Prerequisite: two literature courses.
0101 **(21157)** Miller, J.
Tu 6:30pm-10:00pm (SQH 1120)

ENGL379G Special Topics in Literature: Comedy of Manners: Part I- Films Interrogate Behavior; (3) REG.
0101 **(21167)** Miller, J.
W 6:30pm-10:00pm (SQH 1120)

ENGL379W Special Topics in Literature: Film as Detection/The Detective Film; (3) REG.
0101 **(21187)** Miller, J.
Th 6:30pm-10:00pm (SQH 1120)

ENGL380 *(PermReq)* **Internship; (3-6)** REG. *Prerequisite: permission of department.*
0101 **(21217)** Terchek, M.
Time and room to be arranged
0201 **(21218)** Terchek, M.
Time and room to be arranged
0301 **(21219)** STAFF
Time and room to be arranged

ENGL381 *(PermReq)* **MGA Legislative Seminar; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(21229)** Terchek, M.
W 3:30pm-6:00pm (KEY 0126)

ENGL383 The Uses of Language; (3) REG/P-F/AUD.
0101 **(21239)** Hornyak, J.
MWF 10:00am-10:50am (KEY 0126)

ENGL391 Advanced Composition; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0001 **(21249)** Wappel, J.
MWF 8:00am-8:50am (SQH 1111)
0103 **(21250)** Simpson, M.
MWF 9:00am-9:50am (SQH 1123)
0104 **(21251)** Wappel, J.
MWF 9:00am-9:50am (SQH 2119)
0201 **(21252)** Saklas, R.
MWF 10:00am-10:50am (DNC 1147A)
0202 **(21253)** Simpson, M.
MWF 10:00am-10:50am (WDS 1131)
0301 **(21254)** Simpson, M.
MWF 11:00am-11:50am (WDS 1131)
0302 **(21255)** Saklas, R.
MWF 11:00am-11:50am (SQH 1123)

ENEE793 Solid State Electronics; (3) REG/AUD. *Prerequisite: a graduate course in quantum mechanics or permission of instructor.*
0101 **(19899)** Yang, C.
MW 11:00am-12:15pm (AVW 3336)

ENEE799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ENEE899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ENES Engineering Science (Engineering)

ENES100 *(PermReq)* **Introduction to Engineering Design; (3)** REG/P-F/AUD. CORE: PS For Engineering majors only. ENES 100 may be used to fulfill the ENES 101 requirement effective Fall 1992.
0102 **(20080)** STAFF
W 11:00am-11:50am (JMZ 0220)
M 10:00am-12:00pm (JMP 1202) Dis
0103 **(20081)** STAFF
W 11:00am-11:50am (JMZ 0220)
M 2:00pm-4:00pm (JMP 1202) Dis
0104 **(20082)** STAFF
W 11:00am-11:50am (JMZ 0220)
Tu 8:00am-10:00am (JMP 1202) Dis
0105 **(20083)** STAFF
W 11:00am-11:50am (JMZ 0220)
Th 10:00am-12:00pm (JMP 1202) Dis
0106 **(20084)** STAFF
W 11:00am-11:50am (JMZ 0220)
Tu 2:00pm-4:00pm (JMP 1202) Dis
0202 **(20085)** STAFF
W 12:00pm-12:50pm (HJP 0226)
M 12:00pm-2:00pm (JMP 1202) Dis
0203 **(20086)** STAFF
W 12:00pm-12:50pm (HJP 0226)
Th 8:00am-10:00am (JMP 1202) Dis
0204 **(20087)** STAFF
W 12:00pm-12:50pm (HJP 0226)
Tu 12:00pm-2:00pm (JMP 1202) Dis
0205 **(20088)** STAFF
W 12:00pm-12:50pm (HJP 0226)
Th 12:00pm-2:00pm (JMP 1202) Dis
0206 **(20089)** STAFF
W 12:00pm-12:50pm (HJP 0226)
Th 2:00pm-4:00pm (JMP 1202) Dis

ENES100+ Introduction to Engineering Design; (3) REG/P-F/AUD. Restricted to students in a First Year Focus Cluster.
0104 **(20099)** STAFF
W 11:00am-11:50am (JMZ 0220)
Tu 8:00am-10:00am (JMP 1202) Dis
0206 **(20100)** STAFF
W 12:00pm-12:50pm (HJP 0226)
Th 2:00pm-4:00pm (JMP 1202) Dis

ENES100G Introduction to Engineering Design; (3) REG/P-F/AUD.
0101 **(20110)** STAFF
W 11:00am-11:50am (JMZ 0220)
F 10:00am-12:00pm (JMP 1202) Dis
0102 **(20114)** STAFF
W 11:00am-11:50am (JMZ 0220)
F 2:00pm-4:00pm (JMP 1202) Dis
0201 **(20111)** STAFF
W 12:00pm-12:50pm (HJP 0226)
Tu 10:00am-12:00pm (JMP 1202) Dis
0301 **(20112)** STAFF
W 12:00pm-12:50pm (HJP 0226)
F 8:00am-10:00am (JMP 1202) Dis
0302 **(20113)** STAFF
W 12:00pm-12:50pm (HJP 0226)
M 8:00am-10:00am (JMP 1202) Dis

ENES100H Introduction to Engineering Design; (3) REG/P-F/AUD. For honors students only.
0101 **(20122)** STAFF
W 12:00pm-12:50pm (HJP 0226)
F 12:00pm-2:00pm (JMP 1202) Dis

ENES102 *(PermReq)* **Statics; (2)** REG/P-F/AUD. *Prerequisite: MATH 140. For engineering majors only. Formerly ENES 110.*
0101 **(20132)** STAFF
TuTh 11:00am-11:50am (ARM 0131)
M 1:00pm-1:50pm (EGR 0110) Dis
0102 **(20133)** STAFF
TuTh 11:00am-11:50am (ARM 0131)
Tu 1:00pm-1:50pm (EGR 0110) Dis
0103 **(20134)** STAFF
TuTh 11:00am-11:50am (ARM 0131)
W 1:00pm-1:50pm (EGR 0110) Dis
0104 **(20135)** STAFF
TuTh 11:00am-11:50am (ARM 0131)
Th 1:00pm-1:50pm (EGR 0110) Dis
0201 **(20136)** STAFF
TuTh 11:00am-11:50am (ARM 0135)
M 1:00pm-1:50pm (PHY 4208) Dis
0202 **(20137)** STAFF
TuTh 11:00am-11:50am (ARM 0135)
Tu 1:00pm-1:50pm (EGR 1108) Dis
0203 **(20138)** STAFF
TuTh 11:00am-11:50am (ARM 0135)
W 1:00pm-1:50pm (CHM 0127) Dis
0204 **(20139)** STAFF
TuTh 11:00am-11:50am (ARM 0135)
Th 1:00pm-1:50pm (EGR 1108) Dis

ENES188 Special Topics: Dialogue with the Dean; (1) REG. For new freshmen and transfer engineering students only.
0101 **(20140)** Destler, W.
W 4:00pm-5:00pm (EGR 1202)

ENES190H Introduction to Design and Quality; (3) REG. *Prerequisite: permission of College. Also offered as BMGT 190.* Honors.
0101 **(20149)** Dieter, G.
MW 5:00pm-6:15pm (VMH 2203)

ENES220 Mechanics of Materials; (3) REG/AUD. *Prerequisites: ENES 102; and MATH 141; and PHYS 161. For engineering majors only (not including ENEE majors).* Prerequisite: student in the College of Engineering.
0101 **(20159)** Chang, P.
MW 9:00am-9:50am (SHM 2101)
M 2:00pm-4:00pm (EGR 1104) Dis
0102 **(20160)** Chang, P.
MW 9:00am-9:50am (SHM 2101)
W 2:00pm-4:00pm (EGR 1104) Dis
0201 **(20161)** Colville, J.
MW 9:00am-9:50am (CHM 0127)
M 2:00pm-4:00pm (CHM 0122) Dis
0202 **(20162)** Colville, J.
MW 9:00am-9:50am (CHM 0127)
W 2:00pm-4:00pm (CHE 2136) Dis
0301 **(20163)** Chang, P.
TuTh 9:00am-9:50am (CHM 0127)
Tu 2:00pm-4:00pm (CHM 0127) Dis
0302 **(20164)** Chang, P.
TuTh 9:00am-9:50am (CHM 0127)
Th 2:00pm-4:00pm (EGR 2112) Dis

ENES221 Dynamics; (3) REG/P-F/AUD. *Prerequisites: ENES 102 or ENES 110; and MATH 141; and PHYS 161.* Prerequisite: student in the College of Engineering.
0101 **(20174)** Walston, W.
TuTh 8:00am-8:50am (EGR 1202)
M 1:00pm-2:50pm (JMP 2229) Dis
0102 **(20175)** Walston, W.
TuTh 8:00am-8:50am (EGR 1202)
Tu 1:00pm-2:50pm (JMP 3104) Dis
0103 **(20176)** Walston, W.
TuTh 8:00am-8:50am (EGR 1202)
W 1:00pm-2:50pm (JMP 3105) Dis
0104 **(20177)** Walston, W.
TuTh 8:00am-8:50am (EGR 1202)
Th 1:00pm-2:50pm (JMP 3104) Dis
0105 **(20178)** Walston, W.
TuTh 8:00am-8:50am (EGR 1202)
F 1:00pm-2:50pm (EGR 0108) Dis

ENES230 Introduction to Materials and their Applications; (3) REG/P-F/AUD. *Prerequisite: ENES 100 or permission of department.* Prerequisite: student in the College of Engineering.
0101 **(20188)** Kofinas, P.
TuTh 11:00am-12:15pm (CHE 2108)

ENES386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

ENES388 Engineering Honors Seminar; (1) REG/P-F.
0101 **(20199)** McCuen, R.
W 12:00pm-12:50pm (EGR 0102)

ENES388G *(PermReq)* **Engineering Honors Seminar: Practicum in Group Project Management; (1)** REG/P-F.
0101 **(20209)** Schnell, E.
Time and room to be arranged

ENES388T *(PermReq)* **Engineering Honors Seminar: Seminar in College Teaching; (1)** REG/P-F.
0101 **(20219)** Fines, J.
W 5:00pm-7:00pm (JMP 2102)

ENES490H The Total Quality Practicum; (3) REG/P-F/AUD. *Prerequisite: BMGT 390 or ENES 390. Also offered as BMGT 490.*
0101 **(20229)** Assad, A.
TuTh 5:00pm-6:15pm (VMH 1202)

ENFP Engineering, Fire Protection (Engineering)

ENFP251 Introduction to Fire Protection Engineering; (3) REG/P-F/AUD.
0101 **(20279)** Brannigan, V.
TuTh 9:30am-10:45am (CHM 0119)

ENFP300 Fire Protection Fluid Mechanics; (3) REG/P-F/AUD. *Prerequisites: MATH 246 and PHYS 262 and ENES 221. Formerly ENFP 290.*
0101 **(20289)** Quintiere, J.
TuTh 2:00pm-3:15pm (EGR 0135)

ENFP320 Fire Assessment Methods and Laboratory; (4) REG/P-F/AUD. *For ENFP majors only.*
0101 **(20299)** Mowrer, F.
MW 1:30pm-2:50pm (EGR 0135)
W 3:00pm-4:50pm (Arranged) Lab

ENFP415 *(PermReq)* **Fire Dynamics; (3)** REG/P-F/AUD. *Prerequisites: ENCH 300 or ENME 320; and ENCE 330 or ENME 342; and ENFP 312 or permission of department.*
0101 **(20309)** Quintiere, J.
TuTh 3:30pm-4:45pm (EGR 0135)

ENFP416 *(PermReq)* **Problem Synthesis and Design; (3)** REG/P-F/AUD. *Senior standing.*
0101 **(20319)** Spivak, S.
Time and room to be arranged

ENFP421 *(PermReq)* **Functional and Life Safety Analysis; (3)** REG/P-F/AUD. *Prerequisite: ENFP 320. For ENFP majors only.*
0101 **(20329)** STAFF
M 10:00am-11:50am (JMP 2229)
W 10:00am-10:50am (EGR 0135) Dis
0102 **(20330)** STAFF
M 10:00am-11:50am (JMP 2229)
W 11:00am-11:50am (EGR 0135) Dis

ENFP429 Independent Studies; (1-3) REG/P-F.
0101 **(20340)** STAFF
Time and room to be arranged

ENFP431 Building Safety and the Law; (3) REG/P-F/AUD. *Junior standing.*
0101 **(20350)** Brannigan, V.
W 2:00pm-4:30pm (EGR 0108)

ENFP489J Special Topics: Fire and Combustion; (3) REG/P-F/AUD.
0101 **(20360)** Torero, J.
Tu 5:00pm-8:00pm (EGR 0104)

ENFP619 *(PermReq)* **Graduate Seminar; (1-3)** REG/AUD.
0101 **(20370)** Spivak, S.
M 3:00pm-3:50pm (EGL 1127)
Time and room to be arranged Dis

ENFP622 Fire Protection Engineering Hazard Analysis; (3) REG/AUD. *Prerequisite: ENFP 610.*
0101 **(20390)** Mowrer, F.
M 5:00pm-8:00pm (EGR 0135)

ENFP629 Selected Topics; (3) REG/AUD.
0101 **(20400)** STAFF
Time and room to be arranged

ENFP649J *(PermReq)* **Special Problems: Topics in Fire and Combustion; (3)** REG/AUD.
0101 **(20410)** Torero, J.
Tu 5:00pm-8:00pm (EGR 0104)

ENFP799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

ENGL English (Arts and Humanities)

A student enrolled in ENGL A101 for Spring 1997, will have a reserved seat in ENGL 101 for the Fall 1997 semester. The enrollment must be confirmed during Fall 1997 advance registration.

ENGL101 Introduction to Writing; (3) REG. Students with a TWSE score below 33 must take ENGL 101A in place of ENGL 101. Students for whom English is a second language should consider taking ENGL 101X in place of ENGL 101.
0102 **(20498)** Kelly, E.
MWF 9:00am-9:50am (HBK 1108)
0103 **(20559)** Mondie, L.
MWF 9:00am-9:50am (DNC 1147A)
0107 **(20499)** Hurd, R.
MWF 9:00am-9:50am (KEY 0124)
0108 **(20500)** STAFF
MWF 9:00am-9:50am (KEY 0125)
0203 **(20561)** STAFF
MWF 10:00am-10:50am (EGR 1106)
0204 **(20562)** Mondie, L.
MWF 10:00am-10:50am (SQH 1121)
0205 **(20503)** McCarthy, K.
MWF 10:00am-10:50am (KEY 0123)
0206 **(20504)** STAFF
MWF 10:00am-10:50am (EGR 3114)
0207 **(20505)** STAFF
MWF 10:00am-10:50am (HBK 0115)
0301 **(20506)** Johnson, S.
MWF 11:00am-11:50am (ARM 0120)
0302 **(20507)** STAFF
MWF 11:00am-11:50am (ARM 0102)
0303 **(20508)** STAFF
MWF 11:00am-11:50am (ARM 0103)
0308 **(20511)** Perillo, J.
MWF 11:00am-11:50am (CHM 0122)
0309 **(20512)** STAFF
MWF 11:00am-11:50am (KEY 0125)
0311 **(20513)** STAFF
MWF 11:00am-11:50am (ARC 1125)
0401 **(20514)** STAFF
MWF 12:00pm-12:50pm (SQH 1105)
0402 **(20515)** STAFF
MWF 12:00pm-12:50pm (EGR 3106)
0408 **(20516)** Perillo, J.
MWF 12:00pm-12:50pm (CHE 2120)
0504 **(20517)** Anderson, W.
MWF 1:00pm-1:50pm (KEY 0126)
0605 **(20518)** STAFF
MWF 2:00pm-2:50pm (SQH 1101)
1002 **(20519)** Oliver, G.
TuTh 8:00am-9:15am (SQH 1111)
1004 **(20520)** STAFF
TuTh 9:30am-10:45am (HBK 1112)
1101 **(20522)** Hantman, B.
TuTh 9:30am-10:45am (KEY 0120)
1102 **(20523)** Tabor, K.
TuTh 9:30am-10:45am (KEY 0119)
1105 **(20524)** STAFF
TuTh 9:30am-10:45am (ARM 0105)
1106 **(20525)** STAFF
TuTh 9:30am-10:45am (ARM 0120)
1107 **(20526)** STAFF
TuTh 9:30am-10:45am (KEY 0123)
1110 **(20527)** STAFF
TuTh 9:30am-10:45am (KEY 0124)
1111 **(20558)** STAFF
TuTh 9:30am-10:45am (JMP 1109)
1202 **(20528)** Foss, R.
TuTh 11:00am-12:15pm (KEY 0124)
1203 **(20529)** DiMarco, A.
TuTh 11:00am-12:15pm (JMP 1109)
1205 **(20530)** Slack, K.
TuTh 11:00am-12:15pm (KEY 0117)
1206 **(20531)** Heidkamp, B.
TuTh 11:00am-12:15pm (PLS 1172)
1207 **(20532)** Schramm, G.
TuTh 11:00am-12:15pm (ARM 0102)
1208 **(20533)** STAFF
TuTh 11:00am-12:15pm (JUL 1105)
1209 **(20534)** Tabor, K.
TuTh 11:00am-12:15pm (JMZ 2117)
1210 **(20535)** Hantman, B.
TuTh 11:00am-12:15pm (KEY 0123)
1212 **(20536)** STAFF
TuTh 11:00am-12:15pm (TWS 0131)
1213 **(20537)** STAFF
TuTh 11:00am-12:15pm (ZOP 1124)
1303 **(20539)** STAFF
TuTh 12:30pm-1:45pm (TYD 2108)
1304 **(20540)** STAFF
TuTh 12:30pm-1:45pm (WDS 1130)
1305 **(20541)** STAFF
TuTh 12:30pm-1:45pm (JMP 1109)
1308 **(20542)** STAFF
TuTh 12:30pm-1:45pm (EGR 0104)
1310 **(20543)** STAFF
TuTh 12:30pm-1:45pm (HBK 1116)
1312 **(20544)** Allocca, N.
TuTh 12:30pm-1:45pm (SQH 1123)
1313 **(20545)** STAFF
TuTh 12:30pm-1:45pm (SQH 1111)
1314 **(20546)** STAFF
TuTh 12:30pm-1:45pm (HBK 0123)
1315 **(20547)** Slaok, K.
TuTh 12:30pm-1:45pm (JRN 1105)
1316 **(20548)** Moody, S.
TuTh 12:30pm-1:45pm (KEY 0117)
1403 **(20549)** STAFF
TuTh 2:00pm-3:15pm (ARM 0102)
1404 **(20550)** STAFF
TuTh 2:00pm-3:15pm (HJP 1229)
1405 **(20551)** STAFF
TuTh 2:00pm-3:15pm (KEY 0120)
1407 **(20552)** Moody, S.
TuTh 2:00pm-3:15pm (KEY 0119)
1408 **(20553)** STAFF
TuTh 2:00pm-3:15pm (TLF 2101)
1412 **(20554)** STAFF
TuTh 2:00pm-3:15pm (HBK 1112)
1413 **(20555)** STAFF
TuTh 2:00pm-3:15pm (JMZ 3203)
1501 **(20556)** STAFF
TuTh 3:30pm-4:45pm (ARM 0101)
1504 **(20557)** STAFF
TuTh 3:30pm-4:45pm (KEY 0124)

ENGL101+ Introduction to Writing; (3) REG. Restricted to students in a First Year Focus Cluster or a College Park Scholars Program.
0001 **(20567)** Jeffers, P.
MWF 8:00am-8:50am (CBD 1134)
Restricted to College Park Scholars - Science, Technology and Society.

0104 **(20597)** Chang, E.
MWF 9:00am-9:50am (JMZ 2122)
Restricted to College Park Scholars - Environmental Studies.

0109 **(20568)** Beard, P.
MWF 9:00am-9:50am (CBD 1134)
Restricted to College Park Scholars - Advocates for Children.

0110 **(20569)** Elliott, M.
MWF 9:00am-9:50am (KEY 0120)
Restricted to College Park Scholars - American Cultures.

0202 **(20570)** Romagnolo, C.
MWF 10:00am-10:50am (KEY 0119)
Restricted to students in a First Year Focus Cluster.

0203 **(20571)** Kelly, E.
MWF 10:00am-10:50am (ARM 0118)
Restricted to students in a First Year Focus Cluster.

0208 **(20572)** Jeffers, P.
MWF 10:00am-10:50am (CBD 1135)
Restricted to College Park Scholars - Public Leadership.

0209 **(20573)** Brown, J.
MWF 10:00am-10:50am (CBD 1134)
Restricted to College Park Scholars - Artists.

0210 **(20574)** Chang, E.
MWF 10:00am-10:50am (ARM 0101)
Restricted to students in a First Year Focus Cluster.

0304 **(20598)** STAFF
MWF 11:00am-11:50am (ARM 0118)
Restricted to College Park Scholars - Public Leadership.

0305 **(20599)** STAFF
MWF 11:00am-11:50am (CHE 2120)
Restricted to College Park Scholars - Science and Discovery of Knowledge.

0306 **(20575)** STAFF
MWF 11:00am-11:50am (CBD 1135)
Restricted to College Park Scholars - Life Sciences.

0307 **(20576)** Brown, J.
MWF 11:00am-11:50am (CBD 1134)
Restricted to College Park Scholars - Artists.

0310 **(20577)** Elliott, M.
MWF 11:00am-11:50am (HBK 0109)
Restricted to College Park Scholars - American Cultures.

0405 **(20578)** Lewnes, L.
MWF 12:00pm-12:50pm (WDS 1127)
Restricted to students in a First Year Focus Cluster.

0408 **(20579)** STAFF
MWF 12:00pm-12:50pm (CBD 1135)
Restricted to College Park Scholars - Life Sciences.

0410 **(20580)** Macys, V.
MWF 12:00pm-12:50pm (SQH 2120)
Restricted to College Park Scholars - International Studies.

0501 **(20581)** STAFF
MWF 12:00pm-12:50pm (KEY 0117)
Restricted to College Park Scholars - Advocates for Children.

0505 **(20582)** Heidkamp, B.
TuTh 12:30pm-1:45pm (PLS 1176)
Restricted to College Park Scholars - American Cultures.

ENGL101+ (cont'd)

0506 (20583) Romagnolo, C.
MWF 1:00pm-1:50pm (SQH 1101)
Restricted to students in a First Year Focus Cluster.

0507 (20584) Jones, T.
MWF 1:00pm-1:50pm (CBD 1134)
Restricted to College Park Scholars - Environmental Studies.

0602 (20585) STAFF
MWF 2:00pm-2:50pm (CBD 1134)
Restricted to College Park Scholars - Environmental Studies.

0606 (20586) Snader, R.
MWF 2:00pm-2:50pm (CBD 1135)
Restricted to College Park Scholars - Science, Technology, and Society.

0702 (20587) Snader, R.
MWF 3:00pm-3:50pm (CBD 1134)
Restricted to College Park Scholars - Science, Technology, and Society.

1007 (20600) STAFF
TuTh 9:30am-10:45am (CBD 1135)
Restricted to College Park Scholars - Science and Discovery in Knowledge.

1108 (20588) Schramm, G.
TuTh 9:30am-10:45am (ARM 0119)
Restricted to students in a First Year Focus Cluster.

1214 (20596) Duvall, J.
TuTh 11:00am-12:15pm (SQH 1123)
Restricted to students in a First Year Focus Cluster.

1301 (20590) DiMarco, A.
TuTh 12:30pm-1:45pm (HBK 1108)
Restricted to students in a First Year Focus Cluster.

1311 (20591) Macri, L.
TuTh 12:30pm-1:45pm (CBD 1134)
Restricted to College Park Scholars - Life Sciences.

1401 (20592) Sarlin, E.
TuTh 2:00pm-3:15pm (HBK 1116)
Restricted to students in a First Year Focus Cluster.

1501 (20593) STAFF
TuTh 11:00am-12:15pm (CBD 1134)
Restricted to College Park Scholars - Life Sciences.

1601 (20594) STAFF
MWF 9:00am-9:50am (DNC 1143)
Restricted to College Park Scholars - International Studies.

1701 (20595) STAFF
TuTh 9:30am-10:45am (CBD 1134)
Restricted to College Park Scholars - Public Leadership.

ENGL101A Introduction to Writing; (3) REG. Students should take ENGL 101A rather than ENGL 101 if their TWSE score (a subscore of the SAT verbal) is 33 or below.
1701 (20605) Brovey, A.
MWF 2:00pm-2:50pm (SQH 1107)
1706 (20606) STAFF
TuTh 9:30am-10:45am (ARC 1125)
1707 (20607) Brovey, A.
MWF 10:00am-10:50am (KEY 0124)

ENGL101H Introduction to Writing; (3) REG. For general honors students or students with a verbal SAT of 600 or better.
0101 (20617) Peterson, W.
MWF 10:00am-10:50am (ARM 0120)
0201 (20618) Pearson, N.
MWF 1:00pm-1:50pm (KEY 0123)
0301 (20619) Pearson, N.
MWF 12:00pm-12:50pm (SQH 1123)
0401 (20620) Orlando, E.
MWF 10:00am-10:50am (KEY 0117)
0501 (20621) O'Foran, M.
TuTh 9:30am-10:45am (JMZ 1120)
0701 (20622) O'Foran, M.
TuTh 11:00am-12:15pm (JMZ 1104)
0801 (20623) Singer, M.
TuTh 12:30pm-1:45pm (DNC 1147A)
0901 (20624) Pleydell, S.
TuTh 2:00pm-3:15pm (COL 3109)
1001 (20625) Orlando, E.
MWF 9:00am-9:50am (SYM 1308)

ENGL101X Introduction to Writing; (3) REG. Limited to students for whom English is a second language. To register for ENGL 101X, a student must first demonstrate competence in English. Proof of one of the following should be brought to Undergraduate Advising. A TOEFL score of 550 with no sectional score below 50. 2. A CELT score of 220 with no subtest score below 60 and a rating of 5 or better on the writing sample. 3. Successful completion of UMEI 005: Advanced English as a Foreign Language, Semi-Intensive.
2002 (20635) Satelmajer, I.
TuTh 9:30am-10:45am (TYD 1108)
2003 (20636) Satelmajer, I.
TuTh 11:00am-12:15pm (JMZ 1124)
2004 (20637) Prime, M.
MWF 10:00am-10:50am (CHE 2140)
2006 (20638) STAFF
MWF 11:00am-11:50am (EGR 3114)
2007 (20639) Prime, M.
MWF 9:00am-9:50am (KEY 0119)
2009 (20640) STAFF
MWF 12:00pm-12:50pm (HBK 0109)
2010 (20641) Zhu, A.
TuTh 12:30pm-1:45pm (ARM 0105)

ENGL201 Western World Literature: Homer to the Renaissance; (3) REG/P-F/AUD. CORE: HL
0201 (20651) Wilson, G.
TuTh 11:00am-12:15pm (SQH 2117)
0301 (20652) Jones, T.
MWF 11:00am-11:50am (SQH 2120)

ENGL201H Western World Literature: Homer to the Renaissance; (3) REG/P-F/AUD. CORE: HL For general honors students only.
0101 (20662) Howard, J.
TuTh 11:00am-12:15pm (WDS 0104)
0201 (20663) Howard, J.
TuTh 11:00am-12:15pm (WDS 0104)
Restricted to Honors Humanities students.

ENGL202 Western World Literature: Renaissance to the Present; (3) REG/P-F/AUD. CORE: HL
0101 (20672) Cate, G.
TuTh 9:30am-10:45am (SQH 1119)
0201 (20673) Doggett, R.
TuTh 11:00am-12:15pm (EDU 4233)

ENGL205 Introduction to Shakespeare; (3) REG/P-F/AUD. CORE: HL *Recommended for non-majors.*
0101 (20683) Grossman, M.
TuTh 11:00am-12:15pm (ZOP 1234)
0201 (20684) Suben, K.
TuTh 12:30pm-1:45pm (CHM 0119)
0301 (20685) Stackhouse, A.
TuTh 9:30am-10:45am (HBK 0123)
0401 (20686) Bailey, K.
MWF 10:00am-10:50am (SQH 2120)
0501 (20687) Burke, M.
MWF 11:00am-11:50am (KEY 0126)
0601 (20688) Bailey, K.
MWF 9:00am-9:50am (SQH 2121)

ENGL205H Introduction to Shakespeare; (3) REG/P-F/AUD. CORE: HL *Recommended for non-majors.* For general honors students only.
0101 (20698) Coogan, R.
MWF 1:00pm-1:50pm (ARC 1121)

ENGL211 English Literature: Beginnings to 1800; (3) REG/P-F/AUD. CORE: HL
0101 (20708) Breakstone, C.
MWF 10:00am-10:50am (ASY 3221)
0201 (20709) Johnson, S.
TuTh 9:30am-10:45am (JMZ 2206)

ENGL212 English Literature: 1800 to the Present; (3) REG/AUD. CORE: HL
0101 (20718) Cate, G.
TuTh 2:00pm-3:15pm (DNC 1147A)
0201 (20719) Garofalo, D.
MWF 11:00am-11:50am (SQH 1107)
0301 (20720) Johnson, S.
TuTh 11:00am-12:15pm (KEY 0103)

ENGL221 American Literature: Beginning to 1865; (3) REG/P-F/AUD. CORE: HL
0101 (20729) Sevick, L.
MWF 10:00am-10:50am (DNC 1139B)

ENGL222 American Literature: 1865 to Present; (3) REG/P-F/AUD. CORE: HL
0101 (20739) Van Egmond, P.
TuTh 11:00am-12:15pm (SQH 1107)
0201 (20740) Lazo, R.
MWF 1:00pm-1:50pm (SQH 1121)
0301 (20741) Parikh, C.
TuTh 11:00am-12:15pm (SQH 2120)
0401 (20742) Walsh, A.
MWF 9:00am-9:50am (SQH 1107)
0601 (20743) Kim, Y.
TuTh 12:30pm-1:45pm (SQH 1101)

ENGL234 Introduction to African-American Literature; (3) REG/P-F/AUD. CORE: HL DIVERSITY
0101 (20753) Hammond, E.
MWF 10:00am-10:50am (SQH 1103)
0201 (20754) Carroll, A.
TuTh 11:00am-12:15pm (HBK 0123)
0301 (20755) Orgeron, D.
MWF 9:00am-9:50am (SQH 1119)
0401 (20756) Crawford, N.
MWF 11:00am-11:50am (SQH 1119)
0501 (20757) Crawford, N.
MWF 10:00am-10:50am (SQH 2121)
0601 (20758) Solomon, T.
TuTh 9:30am-10:45am (DNC 1147A)
0701 (20759) Orgeron, D.
MWF 10:00am-10:50am (SQH 1119)
0801 (20760) Carroll, A.
TuTh 12:30pm-1:45pm (EDU 4233)

ENGL235 Introduction to the Literatures of the African Diaspora; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Not open to students who have completed CMLT 235. Credit will be granted for only one of the following: CMLT 235 or ENGL 235.*
0101 (20770) Silberman, S.
TuTh 2:00pm-3:15pm (SQH 1119)

ENGL240 Introduction to Fiction, Poetry, and Drama; (3) REG/P-F/AUD. CORE: HL *Not open to students who have completed ENGL 102.*
0201 (20781) Forrester, M.
MWF 10:00am-10:50am (COL 3112)
0301 (20782) Forrester, M.
MWF 12:00pm-12:50pm (SQH 1101)

ENGL241 Introduction to the Novel; (3) REG/P-F/AUD. CORE: HL
0101 (20792) Morrison, S.
TuTh 11:00am-12:15pm (SQH 1121)
0401 (20793) Delrosso-Freeman, J.
MWF 9:00am-9:50am (SQH 2117)
0601 (20794) Beard, P.
MWF 11:00am-11:50am (SQH 1117)
0901 (20795) Salamanca, J.
TuTh 9:30am-10:45am (SQH 2120)
1001 (20796) Osterman, J.
MWF 10:00am-10:50am (COL 3111)

ENGL242 Introduction to Non-Fiction Prose; (3) REG/P-F/AUD. CORE: HL
0101 (20806) Schoop, M.
MWF 11:00am-11:50am (KEY 0116)

ENGL243 Introduction to Poetry; (3) REG/P-F/AUD. CORE: HL
0401 (20817) Carroll, A.
TuTh 2:00pm-3:15pm (TYD 2108)
0501 (20818) Benvenuto, A.
TuTh 9:30am-10:45am (SQH 2122)
0601 (20819) Gordon, M.
MWF 10:00am-10:50am (KEY 0103)
0701 (20820) Gordon, M.
MWF 11:00am-11:50am (KEY 0123)
0801 (20821) Schoop, M.
MWF 12:00pm-12:50pm (SQH 2117)
1001 (20823) Cate, G.
TuTh 12:30pm-1:45pm (JMZ 0202)
1201 (20825) Burke, M.
MWF 1:00pm-1:50pm (SQH 1105)

ENGL244 Introduction to Drama; (3) REG/P-F/AUD. CORE: HL
0101 (20835) Taylor, D.
TuTh 2:00pm-3:15pm (SQH 1103)
0201 (20838) Taylor, D.
TuTh 11:00am-12:15pm (CSS 2352)
0401 (20836) Macys, V.
MWF 11:00am-11:50am (DNC 1147A)
0501 (20837) Osherow, M.
TuTh 9:30am-10:45am (SQH 1107)

ENGL245 Film and the Narrative Tradition; (3) REG/P-F/AUD. CORE: HA
0101 (20847) Kolker, R.
Tu 2:00pm-3:15pm (SQH 1121)
Th 1:30pm-3:30pm (SQH 1120) Lab

ENGL250 Introduction to Literature by Women; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as WMST 255. Credit will be granted for only one of the following: ENGL 250 or WMST 255.*
0101 (20857) Terchek, M.
TuTh 9:30am-10:45am (SQH 1103)
0301 (20858) Williams, G.
MWF 11:00am-11:50am (SQH 2122)
0401 (20859) Vetter, L.
TuTh 11:00am-12:15pm (ARM 0105)
0501 (20860) Vetter, L.
TuTh 12:30pm-1:45pm (SQH 1119)
0601 (20861) Deloughrey, E.
TuTh 9:30am-10:45am (HBK 1116)
0701 (20862) Biele, J.
MWF 10:00am-10:50am (HBK 1112)
0801 (20863) Dobson, K.
MWF 9:00am-9:50am (KEY 0103)

ENGL260 Introduction to Folklore; (3) REG/P-F/AUD. CORE: SH
0101 (20873) Pearson, B.
TuTh 11:00am-12:15pm (SQH 1105)

ENGL277 Mythologies: An Introduction; (3) REG/P-F/AUD. CORE: HL
0101 (20883) STAFF
MWF 11:00am-11:50am (COL 3111)

ENGL281 Standard English Grammar, Usage, and Diction; (3) REG/P-F/AUD.
0101 (20903) Dambroski, S.
MWF 9:00am-9:50am (SQH 1105)
0201 (20904) Oliver, G.
TuTh 9:30am-10:45am (SQH 2117)

ENGL282 Introduction to Rhetorical Theory; (3) REG/P-F/AUD. CORE: HO
0101 (20914) Macri, L.
TuTh 9:30am-10:45am (SQH 1121)

ENGL291 Intermediate Writing; (3) REG/P-F/AUD.
0101 (20924) Ruppel, F.
MWF 11:00am-11:50am (KEY 0119)
0201 (20925) Ruppel, F.
MWF 9:00am-9:50am (SQH 1103)

ENGL294 Introduction to Creative Writing; (3) REG/P-F/AUD.
0101 (20936) Foss, R.
TuTh 12:30pm-1:45pm (SQH 1117)
0301 (20937) Anderson, W.
MW 2:00pm-3:15pm (SQH 2122)

ENGL294N Introduction to Creative Writing; (3) REG/P-F/AUD. Creative writing taught from an African American perspective.
0101 (20947) Russell, V.
TuTh 3:30pm-5:00pm (NCC 0120)

ENGL296 Beginning Fiction Workshop; (3) REG/P-F/AUD.
0101 (20957) Provorny, M.
MW 12:00pm-1:15pm (KEY 0119)
0201 (20958) Provorny, M.
MW 2:00pm-3:15pm (KEY 0117)
0301 (20959) Fromme, G.
TuTh 2:00pm-3:15pm (SQH 1111)

ENGL297 Beginning Poetry Workshop; (3) REG/P-F/AUD.
0101 (20969) Nelson, M.
MW 2:00pm-3:15pm (SQH 1111)
0201 (20970) Martinelli, B.
TuTh 2:00pm-3:15pm (JMZ 1104)

ENGL301 Critical Methods in the Study of Literature; (3) REG/P-F/AUD. *For English and English education majors only.*
0101 (20980) Auerbach, J.
TuTh 9:30am-10:45am (SQH 1111)
0201 (20981) Auerbach, J.
TuTh 11:00am-12:15pm (SQH 1117)
0301 (20982) Chuh, K.
TuTh 2:00pm-3:15pm (SQH 1107)
0401 (20983) Hammond, E.
MWF 9:00am-9:50am (SQH 1101)
0501 (20984) Leinwand, T.
TuTh 12:30pm-1:45pm (KEY 0119)
0601 (20985) Lindemann, M.
MWF 10:00am-10:50am (SQH 1111)
0701 (20986) Lindemann, M.
MWF 11:00am-11:50am (SQH 1105)

ENGL302 Medieval Literature in Translation; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 (20996) Moser, T.
TuTh 11:00am-12:15pm (KEY 0120)

ENGL305 Shakespeare and His Contemporaries: An Introduction; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 (21016) Sherman, W.
TuTh 2:00pm-3:15pm (TLF 1101)

ENGL310 Medieval and Renaissance British Literature; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0201 (21026) Barry, J.
MWF 11:00am-11:50am (KEY 0121)

ENGL311 Baroque and Augustan British Literature; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 (21036) Olmert, M.
MWF 10:00am-10:50am (SQH 1117)

ENGL312 Romantic to Modern British Literature; (3) REG/P-F/AUD.
0101 (21046) Howard, J.
TuTh 2:00pm-3:15pm (HBK 0123)

ENGL313 American Literature; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 (21056) Holton, W.
TuTh 9:30am-10:45am (JMZ 0202)
0201 (21057) Holton, W.
TuTh 2:00pm-3:15pm (WDS 0104)

ENGL348A Literary Works by Women: Contemporary Fiction by Women; (3) REG/P-F/AUD. DIVERSITY
0101 (21067) Leonardi, S.
MWF 10:00am-10:50am (ZOP 1238)

ENGL348B Literary Works by Women: Immigrant Women's Experiences; (3) REG/P-F/AUD. DIVERSITY
0101 (21077) Ryan, L.
TuTh 9:30am-10:45am (TYD 0102)

ENGL360 African, Indian and Caribbean Writers; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 (21087) Ray, S.
TuTh 11:00am-12:15pm (EGR 0135)

ENGL362 Caribbean Literature in English; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 (21088) Morrison, S.
TuTh 2:00pm-3:15pm (CHM 0115)

ENGL373 *(PermReq)* **Senior Honors Project; (3)** REG/P-F/AUD. *Prerequisite: ENGL 370. For ENGL majors only.*
0101 (21097) Levine, R.
Tu 3:30pm-6:00pm (SQH 2122)

ENGL377 Medieval Myth and Modern Narrative; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department. Not open to students who have completed ENGL 361. Formerly ENGL 361.*
0101 (21107) STAFF
MWF 1:00pm-1:50pm (SQH 2120)

ENGL379A Special Topics in Literature: 'Gay is Very American': Readings in Lesbian, Gay and Bisexual Literatures; (3) REG/P-F/AUD.
0101 (21117) Smith, M.
MW 11:00am-12:15pm (DNC 1139B)

ENGL379B Special Topics in Literature: Asian American Literature; (3) REG/P-F/AUD.
0101 (21127) Chuh, K.
TuTh 11:00am-12:15pm (TWS 0138)

ENGL379C Special Topics in Literature: Black Popular Literature; (3) REG/P-F/AUD.
0101 (21137) McKnight, R.
TuTh 12:30pm-1:45pm (SQH 1107)

ENGL379D Special Topics in Literature: Romancing the Booze; (3) REG/P-F/AUD.
0101 (21147) Isaacs, N.
MWF 10:00am-10:50am (SQH 2122)

ENGL379E Special Topics in Literature: Film Analysis - The Rhetoric of Fictional Worlds; (3) REG. Prerequisite: two literature courses.
0101 (21157) Miller, J.
Tu 6:30pm-10:00pm (SQH 1120)

ENGL379G Special Topics in Literature: Comedy of Manners: Part I- Films Interrogate Behavior; (3) REG.
0101 (21167) Miller, J.
W 6:30pm-10:00pm (SQH 1120)

ENGL379W Special Topics in Literature: Film as Detection/The Detective Film; (3) REG.
0101 (21187) Miller, J.
Th 6:30pm-10:00pm (SQH 1120)

ENGL380 *(PermReq)* **Internship; (3-6)** REG. *Prerequisite: permission of department.*
0101 (21217) Terchek, M.
Time and room to be arranged
0201 (21218) Terchek, M.
Time and room to be arranged
0301 (21219) STAFF
Time and room to be arranged

ENGL381 *(PermReq)* **MGA Legislative Seminar; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 (21229) Terchek, M.
W 3:30pm-6:00pm (KEY 0126)

ENGL383 The Uses of Language; (3) REG/P-F/AUD.
0101 (21239) Hornyak, J.
MWF 10:00am-10:50am (KEY 0126)

ENGL391 Advanced Composition; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0001 (21249) Wappel, J.
MWF 8:00am-8:50am (SQH 1111)
0103 (21250) Simpson, M.
MWF 9:00am-9:50am (SQH 1123)
0104 (21251) Wappel, J.
MWF 9:00am-9:50am (SQH 2119)
0201 (21252) Saklas, R.
MWF 10:00am-10:50am (DNC 1147A)
0202 (21253) Simpson, M.
MWF 10:00am-10:50am (WDS 1131)
0301 (21254) Simpson, M.
MWF 11:00am-11:50am (WDS 1131)
0302 (21255) Saklas, R.
MWF 11:00am-11:50am (SQH 1123)

(ENGL391 cont'd)

0401 **(21256)** Kapai, L.
MWF 12:00pm-12:50pm (SQH 1103)
0403 **(21257)** Berlinski, E.
MWF 12:00pm-12:50pm (SQH 1111)
0501 **(21258)** Berlinski, E.
MWF 1:00pm-1:50pm (SQH 2117)
0502 **(21259)** McNeilly, D.
MWF 1:00pm-1:50pm (SQH 1111)
0601 **(21260)** McNeilly, D.
MWF 2:00pm-2:50pm (SQH 2119)
1002 **(21261)** Weaver, S.
TuTh 8:00am-9:15am (SQH 2119)
1103 **(21262)** Jackson, S.
TuTh 9:30am-10:45am (DNC 1143)
1201 **(21263)** Jackson, S
TuTh 11:00am-12:15pm (SQH 2121)
1202 **(21264)** Arnold, M.
TuTh 11:00am-12:15pm (KEY 0119)
1204 **(21265)** Chartock, L.
TuTh 11:00am-12:15pm (ARM 0121)
1301 **(21266)** Staudt, K.
TuTh 12:30pm-1:45pm (KEY 0123)
1302 **(21267)** Chartock, L.
TuTh 12:30pm-1:45pm (SYM 1308)
1401 **(21268)** Arnold, M.
TuTh 2:00pm-3:15pm (KEY 0117)
1604 **(21269)** McNeilly, D.
W 6:00pm-8:40pm (SQH 1107)

ENGL391X Advanced Composition; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* Limited to students for whom English is a second language and who have scored below any of the following: SAT Verbal 400, TOEFL 575, CELT 250. Students who have received an "A" in ENGL 101 or its equivalent cannot register for ENGL 391X. This course satisfies the junior English requirement.
0201 **(21279)** Allocca, N.
TuTh 11:00am-12:15pm (KEY 0121)

ENGL392 Advanced Composition: Pre-Law; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0101 **(21289)** Procopiow, N.
MWF 11:00am-11:50am (HBK 1112)
0201 **(21290)** Procopiow, N.
MWF 1:00pm-1:50pm (SQH 1103)
0301 **(21291)** Magnetti, C.
TuTh 12:30pm-1:45pm (ARM 0102)
0501 **(21292)** Magnetti, C.
TuTh 9:30am-10:45am (ARM 0101)
0601 **(21293)** Dyer, M.
W 7:00pm-9:30pm (WDS 1131)
0701 **(21294)** Kapai, L.
MWF 10:00am-10:50am (KEY 0120)

ENGL393 Technical Writing; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0002 **(21304)** Keleher, S.
MWF 8:00am-8:50am (SQH 1123)
0101 **(21305)** Keleher, S.
MWF 9:00am-9:50am (SQH 2120)
0103 **(21306)** Jones, E.
MWF 9:00am-9:50am (SQH 2122)
0201 **(21307)** Eckroad, T.
MWF 10:00am-10:50am (EGR 0102)
0202 **(21308)** Jones, E.
MWF 10:00am-10:50am (SQH 2117)
0301 **(21309)** Keleher, S.
MWF 11:00am-11:50am (KEY 0120)
0302 **(21310)** Eckroad, T.
MWF 11:00am-11:50am (EGR 1102)
0303 **(21311)** Wappel, J.
MWF 11:00am-11:50am (KEY 0117)
0401 **(21312)** Hurley, J.
MWF 12:00pm-12:50pm (SQH 2121)
0402 **(21313)** Jones, E.
MWF 12:00pm-12:50pm (SQH 1119)
0403 **(21314)** Thirolf, M.
MWF 12:00pm-12:50pm (SQH 2119)
0501 **(21315)** Thirolf, M.
MWF 1:00pm-1:50pm (SQH 2121)
0502 **(21316)** Eckroad, T.
MWF 1:00pm-1:50pm (SQH 2122)
0601 **(21317)** Thirolf, M.
MWF 2:00pm-2:50pm (SQH 1105)
1101 **(21318)** Schneiderman, B.
TuTh 9:30am-10:45am (HBK 0125)
1102 **(21319)** Rice, E.
TuTh 9:30am-10:45am (HBK 1108)
1103 **(21320)** Post, T.
TuTh 9:30am-10:45am (ARC 1123)
1104 **(21321)** Haller, T.
TuTh 9:30am-10:45am (KEY 0117)
1201 **(21322)** Magnetti, C.
TuTh 11:00am-12:15pm (ARM 0101)
1203 **(21323)** Schneiderman, B.
TuTh 11:00am-12:15pm (HBK 0125)
1204 **(21324)** Porosky, P.
TuTh 11:00am-12:15pm (SQH 2119)
1301 **(21325)** Porosky, P.
TuTh 12:30pm-1:45pm (SQH 2120)
1302 **(21326)** Haller, T.
TuTh 12:30pm-1:45pm (KEY 0121)
1303 **(21327)** Inukai, C.
TuTh 12:30pm-1:45pm (HBK 0115)
1304 **(21328)** Pauli, R.
TuTh 12:30pm-1:45pm (KEY 0120)
1401 **(21329)** Post, T.
TuTh 2:00pm-3:15pm (COL 3111)
1402 **(21330)** Pauli, R.
TuTh 2:00pm-3:15pm (KEY 0123)
1403 **(21331)** Winett, M.
TuTh 2:00pm-3:15pm (TWS 2212)
1602 **(21332)** Neckere, E.
M 6:00pm-8:40pm (SQH 2117)
1603 **(21333)** Novotny, J.
M 6:00pm-8:40pm (SQH 1103)
1604 **(21334)** Lowderbaugh, T.
Tu 6:00pm-8:40pm (SQH 2120)
1605 **(21335)** Roblyer, P.
Tu 6:00pm-8:40pm (SQH 2121)
1607 **(21336)** Novotny, J.
W 6:00pm-8:40pm (SQH 1103)
1608 **(21337)** Peters, L.
Th 6:00pm-8:40pm (SQH 1103)

ENGL393X Technical Writing; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* Limited to students for whom English is a second language and who have a score below any of the following: SAT Verbal 400, TOEFL 575, CELT 250. Students who have received an "A" in ENGL 101 or its equivalent cannot register for ENGL 393X. This course satisfies the junior English requirement.
0101 **(21347)** Waldman, J.
MWF 11:00am-11:50am (SQH 2119)
0201 **(21348)** Waldman, J.
MWF 1:00pm-1:50pm (KEY 0120)
0301 **(21349)** Swatski, J.
TuTh 8:00am-9:15am (HBK 1108)
0302 **(21350)** Inukai, C.
TuTh 9:30am-10:45am (ARM 0102)
0401 **(21351)** Inukai, C.
TuTh 11:00am-12:15pm (GEO 1120)
0501 **(21352)** Swatski, J.
TuTh 12:30pm-1:45pm (KEY 0124)
0601 **(21353)** Waldman, J.
MWF 12:00pm-12:50pm (KEY 0123)
0701 **(21354)** Swatski, J.
TuTh 9:30am-10:45am (JMZ 1103)

ENGL394 Business Writing; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0101 **(21364)** Harris, E.
MWF 9:00am-9:50am (SQH 1111)
0201 **(21365)** Harris, E.
MWF 10:00am-10:50am (SQH 2119)
0301 **(21366)** Doyle, A.
MWF 11:00am-11:50am (SQH 1111)
0302 **(21367)** Perry, R.
MWF 11:00am-11:50am (KEY 0124)
0401 **(21368)** Harris, E.
MWF 12:00pm-12:50pm (SQH 2122)
0402 **(21369)** Harris, E.
MWF 12:00pm-12:50pm (KEY 0116)
0501 **(21370)** Harris, E.
MWF 1:00pm-1:50pm (KEY 0125)
0601 **(21371)** Perry, R.
MWF 2:00pm-2:50pm (SQH 1103)
0602 **(21372)** Rice, E.
TuTh 8:00am-9:15am (SQH 1103)
0701 **(21373)** Rice, E.
TuTh 9:30am-10:45am (DNC 1139B)
0702 **(21374)** Porosky, P.
TuTh 9:30am-10:45am (JMZ 1104)
0801 **(21375)** Haller, T.
TuTh 11:00am-12:15pm (DNC 1147A)
0802 **(21376)** Lake, C.
TuTh 11:00am-12:15pm (DNC 1139B)
0803 **(21383)** Callahan, E.
TuTh 11:00am-12:15pm (PLS 1176)
0901 **(21377)** Lake, C.
TuTh 12:30pm-1:45pm (SQH 2119)
0902 **(21378)** Post, T.
TuTh 12:30pm-1:45pm (COL 3111)
0903 **(21379)** Winett, M.
TuTh 12:30pm-1:45pm (LEF 1220)
0904 **(21384)** Callahan, E.
TuTh 12:30pm-1:45pm (MTH 0107)
1001 **(21380)** Porosky, P.
TuTh 2:00pm-3:15pm (SQH 2119)
1201 **(21381)** Mann, G.
Tu 6:00pm-8:45pm (SQH 1107)
1301 **(21382)** Perry, R.
W 6:00pm-8:45pm (SKN 1112)

ENGL395 Writing for Health Professions; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0101 **(21392)** Johnson, J.
TuTh 12:30pm-1:45pm (DNC 1139B)
0102 **(21393)** Hurley, J.
MWF 11:00am-11:50am (SQH 2121)
0201 **(21394)** Hurley, J.
MWF 1:00pm-1:50pm (SQH 2119)
0301 **(21395)** Hurley, J.
TuTh 11:00am-12:15pm (ARC 1125)
0401 **(21396)** Doyle, A.
MWF 9:00am-9:50am (JMZ 2206)
0501 **(21397)** Doyle, A.
MWF 10:00am-10:50am (KEY 0125)

ENGL396 *(PermReq)* Intermediate Fiction Workshop; (3) REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(21405)** Messud, C.
TuTh 11:00am-12:15pm (SQH 2122)

ENGL397 *(PermReq)* Intermediate Poetry Workshop; (3) REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(21415)** Levin, P.
TuTh 2:00pm-3:15pm (SQH 1101)

ENGL399 *(PermReq)* Senior Seminar; (3) REG/P-F/AUD.
Prerequisite: 86 semester hours of college credit.
0201 **(21425)** Hamilton, G.
MW 1:00pm-2:15pm (SQH 4116)
0301 **(21426)** Kauffman, L.
MW 2:00pm-3:15pm (SQH 3109)
0401 **(21427)** Holton, W.
TuTh 11:00am-12:15pm (SQH 3105)
0501 **(21428)** Schilb, J.
MW 11:00am-12:15pm (SQH 3105)
0601 **(21429)** Coogan, R.
MW 9:30am-10:45am (SQH 3105)
0701 **(21430)** Richardson, B.
MW 10:30am-11:45am (SQH 3109)

ENGL399X *(PermReq)* Senior Seminar: "Brother, Sister, Brother: Henry James, Alice James, William James"; (3) REG. For English honors students.
0101 **(21440)** Auchard, J.
TuTh 2:00pm-3:15pm (SQH 3109)

ENGL399Y *(PermReq)* Senior Seminar: "Writing Nature: Defining and Defending the American Wilderness"; (3) REG. For English honors students.
0101 **(21450)** Fahnestock, J.
TuTh 12:30pm-1:45pm (SQH 3105)

ENGL402 Chaucer; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(21460)** Rutherford, C.
TuTh 9:30am-10:45am (KEY 0125)

ENGL403 Shakespeare: The Early Works; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(21470)** Hamilton, D.
TuTh 11:00am-12:15pm (SQH 1119)
0201 **(21471)** Coogan, R.
MWF 11:00am-11:50am (SQH 1101)
0301 **(21472)** Olmert, M.
MWF 9:00am-9:50am (SQH 1117)

ENGL404 Shakespeare: The Later Works; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0201 **(21483)** Barry, J.
MWF 10:00am-10:50am (SQH 1105)

ENGL408 Literature by Women Before 1800; (3) REG/P-F/AUD.
0101 **(21493)** Donawerth, J.
MWF 1:00pm-1:50pm (WDS 0104)

ENGL417 Literature of the Eighteenth Century, 1750-1800; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(21514)** Marcuse, M.
MWF 11:00am-11:50am (SQH 1121)

ENGL419A Major British Writers after 1800: Austen/Eliot/Dickens; (3) REG/P-F/AUD.
0101 **(21524)** Leonardi, S.
MWF 1:00pm-1:50pm (SQH 1123)

ENGL420 Literature of the Romantic Period I; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature of permission of department.*
0101 **(21534)** Wang, O.
TuTh 12:30pm-1:45pm (SQH 2121)

ENGL422 Literature of the Victorian Period I; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(21544)** Peterson, W.
MWF 11:00am-11:50am (SQH 2117)

ENGL429 *(PermReq)* Independent Research in English; (1-6) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENGL432 American Literature: 1865 to 1914, Realism and Naturalism; (3) REG. *Prerequisite: two English courses in literature or permission of department.*
0101 **(21651)** Van Egmond, P.
TuTh 9:30am-10:45am (SQH 2121)

ENGL433 American Literature: 1914 to the Present, the Modern Period; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(21652)** Wyatt, D.
TuTh 12:30pm-1:45pm (SQH 2117)

ENGL434 American Drama; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(21661)** Robinson, J.
MWF 10:00am-10:50am (SQH 1101)

ENGL437 Contemporary American Literature; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(21682)** Isaacs, N.
MWF 9:00am-9:50am (SQH 1121)

ENGL439A Major American Writers after 1865: O'Neill, Miller, Shepherd; (3) REG/P-F/AUD.
0101 **(21692)** Robinson, J.
MWF 12:00pm-12:50pm (SQH 1121)

ENGL439B Major American Writers after 1865: Dickinson and Whitman; (3) REG/P-F/AUD.
0101 **(21702)** Smith, M.
MW 2:00pm-3:15pm (SQH 2117)

ENGL441 The Novel in America Since 1914; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(21712)** Bryer, J.
TuTh 9:30am-10:45am (SQH 1101)

ENGL448 Literature by Women of Color; (3) REG/P-F/AUD.
0101 **(21732)** Ray, S.
TuTh 9:30am-10:45am (JMZ 2123)

ENGL454 Modern Drama; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(21752)** Bryer, J.
TuTh 12:30pm-1:45pm (SQH 2122)

ENGL456 The Nineteenth-Century English Novel; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(21762)** Fahnestock, J.
TuTh 2:00pm-3:15pm (SQH 1105)

ENGL462 Folksong and Ballad; (3) REG/P-F/AUD.
0101 **(21782)** Pearson, B.
TuTh 2:00pm-3:15pm (SQH 2117)

ENGL472 African-American Literature: 1945 to Present; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(21802)** Washington, M.
TuTh 9:30am-10:45am (SQH 1117)

ENGL479A Selected Topics in English and American Literature after 1800: Romantic Moderns; (3) REG/P-F/AUD.
0101 **(21812)** Plumly, S.
MWF 1:00pm-1:50pm (SQH 1117)

ENGL479C Selected Topics in English and American Literature after 1800: The Literature of AIDS; (3) REG/P-F/AUD.
0101 **(21822)** Marcuse, M.
MWF 10:00am-10:50am (SQH 1107)

ENGL479K Selected Topics in English and American Literature after 1800: The Computer and the Text: Multimedia as Critical Expression; (3) REG/P-F/AUD.
0101 **(21842)** Kolker, R.
TuTh 11:00am-12:15pm (CSS 1410)

ENGL488B Topics in Advanced Writing: Modern Women's Essays; (3) REG/P-F/AUD.
0101 **(21852)** Schilb, J.
MWF 2:00pm-2:50pm (ASY 3203)

ENGL488D Topics in Advanced Writing: The Rhetoric of Intimidation; (3) REG/P-F/AUD.
0101 **(21872)** Hendrickson, A.
TuTh 11:00am-12:15pm (SQH 1111)

ENGL489A Special Topics in English Language: The Language of Advertising; (3) REG/P-F/AUD.
0101 **(21882)** Hendrickson, A.
TuTh 12:30pm-1:45pm (SQH 1105)

ENGL493 Advanced Expository Writing; (3) REG/P-F/AUD. *Prerequisite: satisfactory completion of professional writing requirement.*
0101 **(21892)** Johnson, J.
TuTh 2:00pm-3:15pm (SQH 1123)

ENGL494 Editing and Document Design; (3) REG. *Prerequisite: ENGL 391, ENGL 393 or equivalent. For ENGL majors only.*
0101 **(21902)** Hendrickson, A.
TuTh 9:30am-10:45am (SQH 1123)

ENGL498 *(PermReq)* Advanced Fiction Workshop; (3) REG/P-F/AUD.
0101 **(21912)** Collins, M.
Tu 2:00pm-4:30pm (SQH 2120)
0201 **(21913)** McKnight, R.
Th 2:00pm-4:30pm (JMZ 1103)

ENGL499 *(PermReq)* Advanced Poetry Workshop; (3) REG/P-F/AUD.
0101 **(21923)** Levin, P.
W 2:00pm-4:30pm (SQH 1123)
0201 **(21924)** Berger, D.
Th 2:00pm-4:30pm (SQH 2120)

ENGL601 Literary Research and Critical Contexts; (3) REG/AUD.
0101 **(21934)** Sherman, W.
M 6:30pm-9:00pm (SQH 1101)
0201 **(21935)** Marcuse, M.
M 6:30pm-9:00pm (SQH 1117)

ENGL602 Critical Theory and Literary Criticism; (3) REG.
0101 **(21944)** Kauffman, L.
W 6:30pm-9:00pm (SQH 1105)

ENGL605 Readings in Linguistics; (3) REG/AUD.
0101 **(21954)** Turner, M.
M 6:30pm-9:00pm (SQH 1123)

ENGL611 Approaches to College Composition; (3) REG/AUD. *Required for graduate assistants (optional to other graduate students).*
0101 **(21964)** Coleman, L.
Th 6:30pm-9:00pm (SQH 1111)

ENGL620 Readings in Medieval English Literature; (3) REG/AUD.
0101 **(21974)** Coletti, T.
Tu 6:30pm-9:00pm (SQH 1123)

ENGL621 Readings in Renaissance English Literature; (3) REG/AUD.
0101 **(21984)** Hamilton, D.
Th 3:30pm-6:00pm (SQH 1111)

ENGL624 Readings in English Romantic Literature; (3) REG/AUD.
0101 **(21994)** Fraistat, N.
W 6:30pm-9:00pm (SQH 1123)

ENGL625 Readings in English Victorian Literature; (3) REG/AUD.
0101 **(21995)** Peterson, W.
M 3:30pm-6:00pm (SQH 2117)

ENGL631 Readings in 20th Century American Literature; (3) REG/AUD.
0101 **(22014)** Caramello, C.
Tu 3:30pm-6:00pm (SQH 1123)

ENGL668 Readings in Modern Literary Theory: Narrative Theory and Current Critical Debates; (3-6) REG/AUD.
0101 **(22024)** Richardson, B.
M 3:30pm-6:00pm (SQH 2122)

ENGL688 *(PermReq)* Poetry Workshop; (3) REG/AUD.
0101 **(22034)** Plumly, S.
W 4:00pm-6:30pm (JMZ 2102)
0201 **(22035)** Collier, M.
W 4:00pm-6:30pm (SQH 2120)

ENGL689 *(PermReq)* Fiction Workshop; (3) REG/AUD.
0101 **(22045)** Collins, M.
W 4:00pm-6:30pm (SQH 2117)
0201 **(22046)** Messud, C.
W 4:00pm-6:30pm (SQH 2119)

ENGL699 *(PermReq)* Independent Study; (1-3) REG/AUD.
Individual Instruction course: contact department or instructor to obtain section number.

ENGL719A *(PermReq)* Seminar in Renaissance Literature: Attending to Early Modern Women's Writings: Crossing Boundries; (3) REG/AUD.
0101 **(22125)** Donawerth, J.
W 3:30pm-6:00pm (SQH 4116)

ENGL728A Seminar in Seventeenth-Century Literature: Paradise Lost and 17th Century Myths of Origin; (3) REG/AUD.
0101 **(22135)** Hamilton, G.
Th 6:30pm-9:00pm (SQH 2119)

ENGL729 *(PermReq)* Seminar in Eighteenth-Century Literature: Sapphism, Patriarchy, and the Politics of Enlightenment; (3) REG/AUD.
0101 **(22136)** Lanser, S.
Tu 3:30pm-6:00pm (SQH 3105)

ENGL748A *(PermReq)* Seminar in American Literature: Reading Race, Reading Region; (3) REG/AUD.
0101 **(22165)** Wyatt, D.
W 3:30pm-6:00pm (SQH 3105)

ENGL748B *(PermReq)* Seminar in American Literature: Henry James; (3) REG/AUD.
0101 **(22175)** Auchard, J.
Tu 6:30pm-9:00pm (SQH 3105)

ENGL749A *(PermReq)* Studies in Twentieth-Century Literature: Creolization and Literary Form: The Caribbean Writer as Critic; (3) REG/AUD.
0101 **(22185)** King, N.
Tu 3:30pm-6:00pm (SQH 3109)

ENGL758A Literary Criticism and Theory: Metaphor and Narrative; (3) REG/AUD.
0101 **(22195)** Turner, M.
W 3:30pm-6:00pm (SQH 2122)

ENGL758B *(PermReq)* **Literary Criticism and Theory: Paper Trails: Theory Reading Theory; (3)** REG/AUD.
0101 **(51698)** Wang, O.
W 3:30pm-6:00pm (SQH 1111)

ENGL758C Literary Criticism and Theory: Paradigms of Theory; (3) REG/AUD.
0101 **(51699)** Grossman, M.
Tu 3:30pm-6:00pm (SQH 1111)

ENGL768 *(PermReq)* **Studies in Drama: Modern Drama; (3)** REG/AUD.
0101 **(22215)** STAFF
Tu 6:30pm-9:00pm (SQH 3109)

ENGL779A Seminar in Language Study: Nineteenth-Century African American Rhetoric; (3) REG/AUD.
0101 **(22225)** Logan, S.
M 6:30pm-9:00pm (SQH 2122)

ENGL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENGL898 *(PermReq)* **Pedagogical Mentoring for Doctoral Students; (1-3)** S-F. Individual Instruction course: contact department or instructor to obtain section number.

ENGL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENMA Engineering, Materials
(Engineering)

ENMA189I Special Topics: Introduction to Materials and Engineering Seminar; (1) REG/P-F/AUD.
0101 **(51742)** Wilson, O.
F 3:00pm-4:00pm (EGR 1106)

ENMA310 *(PermReq)* **Materials Laboratory I: Structural Characterization; (3)** REG/AUD. *Prerequisite: ENES 230. Corequisite: ENMA 460. Junior standing.*
0101 **(22425)** Martinez-Miranda, L.
Tu 12:20pm-1:35pm (CHE 2120)
TuTh 9:00am-11:45am (Arranged) Lab

ENMA362 *(PermReq)* **Mechanical Properties; (3)** REG/AUD. *Prerequisite: ENES 230. Junior standing or permission of department.*
0101 **(22435)** Arsenault, R.
MW 2:00pm-2:50pm (CHE 2140)
F 2:00pm-5:00pm (CHE 2136) Lab

ENMA460 Physics of Solid Materials; (3) REG/P-F/AUD. *Prerequisites: MATH 241 and PHYS 263. Junior standing.*
0101 **(22445)** Dimoulas, A.
MW 5:00pm-6:15pm (EGR 3102)

ENMA461 Thermodynamics of Materials; (3) REG/P-F/AUD. *Prerequisite: ENES 230. Junior standing.*
0101 **(22455)** Roytburd, A.
TuTh 2:00pm-3:15pm (EGR 0104)

ENMA463 Macroprocessing of Materials; (3) REG/P-F/AUD. *Prerequisite: ENES 230. Junior standing.*
0101 **(22465)** Lloyd, I.
MW 3:30pm-4:45pm (JMP 1109)

ENMA470 *(PermReq)* **Structure and Properties of Engineering Materials; (3)** REG/P-F/AUD.
0101 **(22475)** Martinez-Miranda, L.
TuTh 3:30pm-4:45pm (CHE 2120)
F 3:30pm-4:45pm (CHE 2120)

ENMA471 Kinetics, Diffusion and Phase Transformations; (3) REG/AUD. *Pre- or corequisite: ENMA 461. Junior standing or permission of department.*
0101 **(22485)** Ankem, S.
MW 5:00pm-6:15pm (CHE 2140)

ENMA472 Technology and Design of Engineering Materials; (3) REG/P-F/AUD. *Prerequisite: ENES 230.*
0101 **(22497)** Ankem, S.
MW 3:30pm-4:45pm (CHE 2116)

ENMA489 *(PermReq)* **Selected Topics in Engineering Materials; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENMA489D Selected Topics in Engineering Materials: Degradation of Materials; (3) REG/AUD.
0101 **(22508)** Block, I.
TuTh 2:00pm-3:15pm (CHE 2120)

ENMA489E Selected Topics in Engineering Materials: Radiation Engineering; (3) REG/P-F/AUD.
0101 **(22518)** Al-Sheikhly, M.
TuTh 10:00am-11:15am (CHE 2120)

ENMA489I Selected Topics in Engineering Materials: Introduction to Engineering Materials Seminar; (3) REG/P-F/AUD.
0101 **(22519)** STAFF

ENMA489R Selected Topics in Engineering Materials: Manufacturing with Polymers; (3) REG/P-F/AUD.
0101 **(22528)** Briber, R.
TuTh 11:00am-12:15pm (CHE 2118)

ENMA490 Materials Design; (3) REG/P-F/AUD. *Senior standing.*
0101 **(22538)** STAFF
M 9:00am-11:45am (EGR 0135)

ENMA495 Polymeric Engineering Materials I; (3) REG/P-F/AUD. *Prerequisite: ENES 230.*
0101 **(22548)** Kofinas, P.
TuTh 9:30am-10:45am (CHE 2140)

ENMA499 Senior Laboratory Project; (1-3) REG/P-F/AUD.
0101 **(22558)** STAFF
Time and room to be arranged

ENMA650 *(PermReq)* **Structure of Engineering Materials; (3)** REG/AUD. *Prerequisite: ENMA 470 or equivalent.*
0101 **(22568)** Christou, A.
MW 5:00pm-6:15pm (EGR 0104)

ENMA659A *(PermReq)* **Special Topics in Electronic Materials: Ferroelectric Materials; (3)** REG/AUD.
0101 **(22578)** Ramesh, R.
TuTh 5:00pm-6:15pm (EGR 0102)

ENMA661 Kinetics of Reactions in Materials; (3) REG/AUD. *Prerequisite: ENMA 660.*
0101 **(22608)** Wuttig, M.
TuTh 5:00pm-6:15pm (CHE 2118)

ENMA672 Mechanical Properties of Engineering Materials; (3) REG/AUD. *Prerequisite: ENMA 671.*
0101 **(22609)** Arsenault, R.
Time and room to be arranged

ENMA680 Experimental Methods in Materials Science; (3) REG/AUD. *Prerequisite: ENMA 650.*
0101 **(22618)** Salamanca-Riba, L.
TuTh 1:00pm-2:15pm (CHE 2136)

ENMA697 Seminar in Materials Science and Engineering; (1) REG/AUD. *Repeatable to 6 credits if content differs.*
0101 **(22628)** Christou, A.
F 1:00pm-1:50pm (CHE 2110)

ENMA698 *(PermReq)* **Special Problems in Materials Science and Engineering; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENMA698B Special Problems in Materials Science and Engineering: Seminar in Polymer Materials; (1) REG/AUD.
0101 **(22653)** Al-Sheikhly, M.
F 10:00am-10:50am (CHE 2116)

ENMA698L Special Problems in Materials Science and Engineering: Structural Determination Laboratory; (1) REG.
0101 **(22663)** Salamanca-Riba, L.
Th 9:30am-11:30am (CHE 1116) Lab
0201 **(22664)** Salamanca-Riba, L.
F 2:00pm-4:00pm (CHE 1116) Lab

ENMA698M Special Problems in Materials Science and Engineering: Methods of Engineering Analysis; (3) REG/AUD.
0101 **(22674)** Modarres, M.
MW 5:00pm-6:30pm (CHE 2120)

ENMA698R Special Problems in Materials Science and Engineering: Radiation Effects in Polymers; (3) REG/AUD.
0101 **(22675)** Al-Sheikhly, M.
TuTh 12:20pm-1:35pm (Arranged)

ENMA698Y Special Problems in Materials Science and Engineering: Theory of Composite Smart Materials; (3) REG/AUD.
0101 **(22684)** Roytburd, A.
Tu 6:30pm-9:30pm (CHE 2140)

ENMA799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENMA899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENME Engineering, Mechanical
(Engineering)

ENME232 *(PermReq)* **Thermodynamics; (3)** REG/P-F/AUD. *Prerequisite: PHYS 262.*
0101 **(22772)** STAFF
MW 10:00am-10:50am (EGR 0110)
F 10:00am-11:50am (EGR 0135) Dis
0201 **(22773)** STAFF
MW 9:00am-9:50am (CHM 0122)
F 9:00am-10:50am (CHM 0122) Dis

ENME252 *(PermReq)* **Electronics and Instrumentation I; (3)** REG/P-F/AUD. *Corequisite: PHYS 263.*
0101 **(22783)** STAFF
MW 8:00am-8:50am (EGR 1202)
M 1:00pm-2:50pm (CHM 0127) Lab
0102 **(22784)** STAFF
MW 8:00am-8:50am (EGR 1202)
W 1:00pm-2:50pm (EGR 1108) Lab
0103 **(22785)** STAFF
MW 8:00am-8:50am (EGR 1202)
F 1:00pm-2:50pm (EGR 0135) Lab

ENME310 *(PermReq)* **Mechanics of Deformable Solids; (3)** REG/P-F/AUD. *Prerequisites: ENES 220 and ENME 205. For engineering majors only.*
0101 **(22795)** STAFF
MWF 9:00am-9:50am (CHE 2108)

ENME311 *(PermReq)* **Mechanics of Deformable Solids Laboratory; (1)** REG/P-F/AUD. *Corequisite: ENME 310.*
0101 **(22805)** STAFF
W 12:00pm-12:50pm (EGR 1202)
M 1:00pm-3:00pm (EGR 0126) Lab
0102 **(22806)** STAFF
W 12:00pm-12:50pm (EGR 1202)
Tu 1:00pm-3:00pm (EGR 0126) Lab
0103 **(22807)** STAFF
W 12:00pm-12:50pm (EGR 1202)
W 1:00pm-3:00pm (EGR 0126) Lab
0104 **(22808)** STAFF
W 12:00pm-12:50pm (EGR 1202)
Th 1:00pm-3:00pm (EGR 0126) Lab
0106 **(22810)** STAFF
W 12:00pm-12:50pm (EGR 1202)
W 3:00pm-5:00pm (EGR 0126) Lab

ENME320 Thermodynamics; (3) REG/P-F/AUD. *Prerequisites: MATH 141; and PHYS 262.*
0101 **(22820)** STAFF
MWF 9:00am-9:50am (CHE 2110)

ENME321 *(PermReq)* **Transfer Processes; (3)** REG/P-F/AUD. *Prerequisites: ENME 205 and ENME 342.*
0101 **(22830)** STAFF
MWF 10:00am-10:50am (EGR 3108)
0201 **(22831)** STAFF
MWF 11:00am-11:50am (EGR 1104)

ENME331 *(PermReq)* **Fluid Mechanics; (3)** REG/P-F/AUD. *Prerequisites: ENME 232 and ENES 221.*
0101 **(22841)** STAFF
TuTh 9:00am-9:50am (EGR 1202)
M 1:00pm-2:50pm (ARM 0105) Lab
0102 **(22842)** STAFF
TuTh 9:00am-9:50am (EGR 1202)
Tu 1:00pm-2:50pm (CHM 0124) Lab
0103 **(22843)** STAFF
TuTh 9:00am-9:50am (EGR 1202)
W 1:00pm-2:50pm (ARM 0105) Lab

ENME361 *(PermReq)* **Vibration, Controls and Optimization I; (3)** REG/P-F/AUD. *Prerequisites: ENES 221 and ENES 220 and MATH 246.*
0101 **(22853)** STAFF
TuTh 10:00am-10:50am (EGR 1202)
W 1:00pm-2:50pm (EGR 3108) Lab
0102 **(22854)** STAFF
TuTh 10:00am-10:50am (EGR 1202)
M 1:00pm-2:50pm (EGR 3108) Lab
0103 **(22855)** STAFF
TuTh 10:00am-10:50am (EGR 1202)
F 1:00pm-2:50pm (EGR 3108) Lab

ENME371 *(PermReq)* **Product Engineering and Manufacturing; (3)** REG/P-F/AUD. *Prerequisite: ENES 221.*
0101 **(22865)** STAFF
MW 11:00am-11:50am (JMP 2202)
F 11:00am-12:50pm (JMP 2202) Dis
0201 **(22866)** STAFF
MW 11:00am-11:50am (JMP 3105)
F 11:00am-12:50pm (JMP 3105) Dis

ENME381 *(PermReq)* **Measurements Laboratory; (3)** REG/P-F/AUD. *Prerequisites: ENME 360; and ENEE 300.*
0101 **(22876)** STAFF
TuTh 11:00am-11:50am (CHE 2110)
M 12:30pm-3:30pm (EGR 1110) Lab
0102 **(22877)** STAFF
TuTh 11:00am-11:50am (CHE 2110)
Tu 12:30pm-3:30pm (EGR 3109) Lab
0103 **(22878)** STAFF
TuTh 11:00am-11:50am (CHE 2110)
W 12:30pm-3:30pm (EGR 3109) Lab
0104 **(22879)** STAFF
TuTh 11:00am-11:50am (CHE 2110)
Th 12:30pm-3:30pm (EGR 3109) Lab

ENME400 *(PermReq)* **Machine Design; (3)** REG/P-F/AUD. *Prerequisites: ENME 310; and ENME 360. Corequisite: ENME 401.*
0101 **(22889)** STAFF
TuTh 8:00am-9:15am (EGR 3108)

ENME401 *(PermReq)* **The Structure and Properties of Engineering Materials; (3)** REG/P-F/AUD. *Corequisite: ENME 310.*
0101 **(22899)** STAFF
MWF 10:00am-10:50am (EGR 3106)

ENME403 *(PermReq)* **Automatic Controls; (3)** REG/P-F/AUD. *Prerequisites: ENEE 300; and ENME 360. Senior standing.*
0101 **(22909)** STAFF
MWF 11:00am-11:50am (EGR 3108)
0201 **(22910)** STAFF
MWF 11:00am-11:50am (EGR 1108)

ENME408 *(PermReq)* **Selected Topics in Engineering Design; (3)** REG/P-F/AUD.
0101 **(22920)** STAFF
MW 3:30pm-4:45pm (CHM 2201)

ENME414 *(PermReq)* **Computer-Aided Design; (3)** REG/P-F/AUD. *Prerequisites: ENME 205; and MATH 241 or equivalent.* Design technical elective.
0101 **(22930)** STAFF
MWF 9:00am-9:50am (EGR 3108)

ENME423 *(PermReq)* **Environmental Engineering; (3)** REG/P-F/AUD. *Prerequisites: ENME 321 and senior standing in mechanical engineering.*
0101 **(22940)** STAFF
MW 3:30pm-4:45pm (ARM 0105)

ENME465 *(PermReq)* **Introductory Fracture Mechanics; (3)** REG/P-F/AUD. *Senior standing in engineering.*
0101 **(22950)** STAFF
TuTh 3:30pm-4:45pm (EGR 2154)

ENME471 *(PermReq)* **Integrated Product and Process Development I; (3)** REG/P-F/AUD. *Prerequisite: ENME 371.*
0101 **(22960)** STAFF
MW 1:00pm-1:50pm (EGR 1202)
F 1:00pm-2:50pm (EGR 1202) Lab
0201 **(22961)** STAFF
MW 1:00pm-1:50pm (EGR 3106)
F 1:00pm-2:50pm (EGR 0110) Lab

ENME472 *(PermReq)* **Integrated Product and Process Development II; (3)** REG/P-F/AUD. CORE: CS *Prerequisite: ENME 471.*
0101 **(22971)** STAFF
TuTh 11:00am-11:50am (EGR 1106)
Th 1:00pm-2:50pm (EGR 1104) Lab

ENME488 *(PermReq)* **Special Problems; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to mechanical engineering seniors.

ENME489 *(PermReq)* **Special Topics in Mechanical Engineering; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENME489B *(PermReq)* **Special Topics in Mechanical Engineering; (3)** REG.
0101 **(51696)** Stewart, D.
W 3:30pm-6:00pm (MTH 0104)

ENME489C *(PermReq)* **Special Topics in Mechanical Engineering: Software Development; (3)** REG/P-F/AUD.
0101 **(51694)** Austin, M.
TuTh 9:30am-10:45am (EGR 2107)

ENME603 Advanced Mechanisms and Robot Manipulators; (3) REG/AUD. *Prerequisite: working knowledge of kinematics, statics and dynamics.*
0101 **(23095)** Tsai, L.
TuTh 3:30pm-4:45pm (EGR 0104)

ENME605 Advanced Systems Control; (3) REG/AUD. *Prerequisite: ENME 403 or permission of instructor.*
0101 **(23105)** Walsh, G.
MW 3:30pm-4:45pm (EGR 2107)

ENME610 Engineering Optimization I; (3) REG/AUD. *Prerequisite: permission of instructor.*
0101 **(23115)** Azarm, S.
TuTh 5:00pm-6:15pm (EGR 0108)

ENME616 Computer-Aided Manufacturing; (3) REG/AUD. *Prerequisite: ENME 412 or permission of instructor.*
0101 **(23125)** Zhang, G.
MW 5:00pm-6:15pm (EGR 2107)

ENME631 Advanced Conduction and Radiation Heat Transfer; (3) REG/AUD. *Prerequisites: {ENME 315; and ENME 321; and ENME 700 or equivalent} or permission of instructor.*
0101 **(23135)** Joshi, Y.
TuTh 5:00pm-6:15pm (EGR 2103)

ENME633 Advanced Classical Thermodynamics; (3) REG/AUD. *Prerequisites: ENME 315, or equivalent or permission of instructor.*
0101 **(23145)** Herold, K.
TuTh 3:30pm-4:45pm (EGR 3108)

ENME640 Fundamentals of Fluid Mechanics; (3) REG/AUD. *Prerequisite: ENME 700 or equivalent or permission of instructor. Formerly ENME 651.*
0101 **(23157)** Dimas, A.
MW 3:30pm-4:45pm (EGR 3111)

ENME662 Linear Vibrations; (3) REG/AUD. *Prerequisite: ENME 360 or equivalent or permission of instructor.*
0101 **(23169)** Balachandran, B.
MW 5:00pm-6:15pm (EGR 2154)

ENME664 Dynamics; (3) REG/AUD. *Prerequisite: ENES 221 or equivalent or permission of instructor.*
0101 **(23179)** Berger, B.
MW 3:30pm-4:45pm (EGR 0110)

ENME677 Applied Elasticity; (3) REG/AUD. *Prerequisite: MATH 462 or equivalent.*
0101 **(23189)** Berger, B.
TuTh 3:30pm-4:45pm (EGR 3106)

ENME700 Advanced Mechanical Engineering Analysis I; (3) REG/AUD.
0101 **(23199)** Bernard, P.
TuTh 5:00pm-6:15pm (EGR 1104)

ENME788 Seminar: Mechanical Engineering Seminar; (1) REG/AUD.
0101 **(23209)** STAFF
Time and room to be arranged

ENME799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENME808 *(PermReq)* **Advanced Topics in Mechanical Engineering; (3)** REG/AUD.
0101 **(23267)** STAFF
Time and room to be arranged

ENME808C Advanced Topics in Mechanical Engineering: Applied Finite Element Methods; (3) REG/AUD.
0101 **(23277)** Wang, Y.
MW 5:00pm-6:15pm (EGR 3108)

ENME808J Advanced Topics in Mechanical Engineering: Smart Structures; (2-3) REG/AUD.
0101 **(23287)** Sirkis, J.
MW 3:30pm-4:45pm (EGR 0135)

ENME808K Advanced Topics in Mechanical Engineering: Reliability Issues in Electronic Packaging; (2-3) REG/AUD.
0101 **(23297)** Pecht, M.
TuTh 3:30pm-4:45pm (EGR 0108)

ENME808O Advanced Topics in Mechanical Engineering: Surface Mount Manufacturing; (2-3) REG/AUD.
0101 **(23307)** Dasgupta, A.
MW 3:30pm-4:45pm (EGR 3114)

ENME899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENNU Engineering, Nuclear
(Engineering)

ENNU310 Environmental Aspects of Nuclear Engineering; (3) REG/P-F/AUD. *Prerequisites: {MATH 241 or MATH 246; and PHYS 263} or permission of both department and instructor.*
0101 **(23414)** Pertmer, G.
TuTh 9:30am-10:45am (CHE 2136)

ENNU440 Nuclear Technology Laboratory; (3) REG/P-F/AUD. *Prerequisites: MATH 240; and PHYS 263.* Offered fall only.
0101 **(23424)** Gavrilas, M.
Tu 1:00pm-3:00pm (CHE 2140)
Th 1:00pm-5:00pm (CHE 2145) Lab
Th 1:00pm-5:00pm (CHE 2302) Dis

ENNU450 Nuclear Reactor Engineering I; (3) REG/P-F/AUD. *Prerequisites: {MATH 246; and PHYS 263} or permission of both department and instructor.* Offered fall only.
0101 **(23434)** Wolf, L.
TuTh 5:00pm-6:15pm (CHE 2145)

ENNU468 *(PermReq)* **Research; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENNU468E Research: Radiation Engineering; (3) REG/P-F/AUD.
0101 **(23455)** Al-Sheikhly, M.
TuTh 10:00am-11:15am (CHE 2120)

ENNU480 Reactor Core Design; (3) REG/P-F/AUD. *Prerequisite: ENNU 450 or permission of both department and instructor.* Offered fall only.
0101 **(23465)** Gavrilas, M.
TuTh 4:00pm-5:15pm (PHY 4208)

ENNU489A Special Topics in Nuclear Engineering: Degradation of Materials; (3) REG/AUD.
0101 **(23475)** Block, I.
TuTh 2:00pm-3:15pm (CHE 2120)

ENNU609 Seminar in Nuclear Engineering; (1) REG/AUD.
0101 **(23485)** Kofinas, P.
M 12:00pm-12:50pm (CHE 2145)

ENNU620 Methods of Engineering Analysis; (3) REG/AUD. *Also offered as ENRE 620.* Offered fall only.
0101 **(23495)** Modarres, M.
MW 5:00pm-6:30pm (CHE 2120)

ENNU640 Nuclear Reactor Physics II; (3) REG/AUD. Offered fall only.
0101 **(23505)** Almenas, K.
W 6:45pm-9:30pm (CHE 2118)

ENNU648 Special Problems in Nuclear Engineering; (1-16) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENNU648R Special Problems in Nuclear Engineering: Reactor Thermohydraulics; (3) REG/AUD.
0101 **(23526)** Wolf, L.
M 6:30pm-9:00pm (CHE 2116)

ENNU648Z Special Problems in Nuclear Engineering: Seminar in Materials Reliability and Radiation Effects; (1) REG/AUD.
0101 **(23536)** Christou, A.
F 1:00pm-1:50pm (CHE 2110)

ENNU761 Nuclear Fuel and Waste Processing; (3) REG/AUD.
0101 **(23546)** STAFF
Time and room to be arranged

ENNU799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENNU899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENPM Engineering, Professional Masters (Engineering)

ENPM600 Probability and Stochastic Processes for Engineers; (3) REG/AUD. *Prerequisite: undergraduate introduction to discrete and continuous probability.*
0101 **(23627)** STAFF
Th 7:00pm-9:40pm (EGR 2107)

ENPM603 Theory and Applications of Digital Signal Processing; (3) REG/AUD. *Prerequisite: undergraduate introduction to discrete-time systems.* Course offered at Shady Grove Center.
0101 **(23637)** Syrmos, G.
Tu 7:00pm-9:40pm (Arranged)

ENPM607 Computer System Design and Architecture; (3) REG/AUD. *Prerequisite: ENEE 446 or equivalent.* Course offered at Shady Grove Center.
0101 **(23647)** Silio, C.
M 7:00pm-9:40pm (Arranged)

ENPM610 Digital VLSI Design; (3) REG/AUD. *Prerequisite: undergraduate courses in solid state devices and digital/analog circuit design.*
0101 **(23657)** Mack, I.
W 7:00pm-9:40pm (EGR 2107)

ENPM620 *(PermReq)* **Computer Aided Engineering Analysis; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(23674)** Marks, C.
Tu 7:00pm-9:40pm (EGR 2107)

ENPM623 Control of Combustion Generated Air Pollution; (3) REG/AUD. *Prerequisites: ENME 315 and ENME 321 or equivalent.*
0101 **(23684)** Sastri, B.
Th 7:00pm-9:40pm (EGR 2103)

ENPM639 Stream Response to Waste Discharge; (3) REG/AUD. Offered at the HEAT Center, Harford County.
0101 **(23694)** Kim, M.
W 5:30pm-8:10pm (Arranged)

ENPM641 *(PermReq)* **Systems Engineering Principles; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(23706)** Baras, J.
W 6:30pm-9:10pm (EGR 2103)

ENPM643 *(PermReq)* **Systems Engineering Design Project; (3)** REG/AUD. *Prerequisites: ENPM 642 and permission of department.*
0101 **(23716)** Austin, M.
Tu 7:00pm-9:40pm (Arranged)

ENPM645 *(PermReq)* **Systems Financial and Contract Management; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(23726)** Richardson, L.
M 6:30pm-9:10pm (ERB 0305)

ENPM653 Atmospheric Flight Control; (3) REG/AUD.
0101 **(51734)** Schmidt, D.
MW 3:30pm-4:45pm (EGR 2103)

ENPM657 *(PermReq)* **Helicopter Aerodynamics I; (3)** REG/AUD.
0101 **(23746)** Leishman, J.
TuTh 5:00pm-6:15pm (EGR 2107)

ENPM661 *(PermReq)* **Introduction to the Structure of Materials; (3)** REG/AUD.
0101 **(51706)** Christou, A.
MW 5:00pm-6:15pm (EGR 0104)

ENPM663 Introduction to Kinetics of Reactions in Materials; (3) REG/AUD.
0101 **(51707)** Ankem, S.
MW 5:00pm-6:15pm (CHE 2140)

ENPM808 *(PermReq)* **Advanced Topics in Engineering; (1-3)** REG/AUD.
0101 **(23756)** Cunniff, P.
Time and room to be arranged

ENPM808I Advanced Topics in Engineering: Fundamentals of Fluid Mechanics; (3) REG/AUD. Course is taught at the Southern Maryland Higher Education Center.
0101 **(23766)** Yanta, W.
W 5:30pm-8:10pm (Arranged)

ENPM808R Advanced Topics in Engineering: Recycling Industrial and Municipal Wastes; (1-3) REG/AUD.
0101 **(23776)** Gasner, L.
W 7:00pm-9:40pm (EGR 1102)

ENPM808U Advanced Topics in Engineering: Urban Transportation; (3) REG/AUD. Course is taught by R. Woo at the Downtown Baltimore Center.
0101 **(23786)** STAFF
M 5:30pm-8:10pm (Arranged)

ENPM808X *(PermReq)* **Advanced Topics in Engineering: Independent Study in Environmental Engineering I; (3)** REG/AUD.
0101 **(23796)** Cunniff, P.
Time and room to be arranged

ENRE Reliability Engineering (Engineering)

ENRE489B Special Topics in Reliability Engineering: Principles of Quality and Reliability in Engineering; (3) REG/P-F/AUD.
0101 **(23846)** Gavrilas, M.
MW 2:00pm-3:15pm (CHE 2118)

ENRE600 Reliability Engineering; (3) REG/AUD. *Prerequisite: ENRE 620.*
0101 **(23861)** Bernstein, J.
Tu 6:30pm-9:10pm (ITV 1100)

ENRE602 Reliability Analysis; (3) REG/AUD. *Prerequisite: ENRE 620.*
0101 **(23876)** Modarres, M.
W 6:30pm-9:10pm (ITV 1100)

ENRE620 Mathematical Techniques of Reliability Engineering; (3) REG/AUD.
0101 **(23891)** Smidts, C.
M 6:30pm-9:10pm (ITV 1100)

ENRE640 Collection and Analysis of Reliability Data; (3) REG/AUD. *Prerequisites: ENRE 620 and ENRE 602.*
0101 **(23901)** STAFF
Th 6:30pm-9:10pm (CHE 2145)

ENRE648 Special Problems in Reliability Engineering; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENRE648I Special Problems in Reliability Engineering: Seminar in Materials Reliability and Radiation Effects; (1) REG/AUD.
0101 **(23927)** Christou, A.
F 1:00pm-1:50pm (CHE 2110)

ENRE648K Special Problems in Reliability Engineering: Advanced Risk Assessment for Engineers; (3) REG/AUD. Prerequisite: ENRE 670 or permission of department. Offered fall only.
0101 **(24017)** Modarres, M.
Time and room to be arranged

ENRE648Q Special Problems in Reliability Engineering: Microelectronics Device Reliability; (3) REG/AUD.
0101 **(23940)** Bernstein, J.
Tu 6:30pm-9:10pm (EGR 2103)

ENRE650 Accelerated Testing; (3) REG/AUD. *Prerequisite: ENRE 663.*
0101 **(23953)** Roush, M.
F 1:00pm-3:40pm (EGR 2107)

ENRE674 *(PermReq)* **Failure Mechanisms and Effects Laboratory; (3)** REG/AUD. *Prerequisite: ENRE 600 or permission of instructor.* Offered fall only.
0101 **(23963)** Weiss, D.
M 4:00pm-6:40pm (MMH 2401)

ENRE732 Software Reliability and Integrety; (3) REG/AUD.
0101 **(23973)** Smidts, C.
Th 6:30pm-9:10pm (ITV 1100)

ENRE799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

ENRE899 Doctoral Dissertation Research; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

ENSE Systems Engineering (Engineering)

ENSE621 *(PermReq)* **Systems Engineering Principles; (3)** REG/AUD. *Prerequisite: permission of department. Credit will be granted for only one of the following: ENSE 621 or ENSE 603. Formerly ENSE 603.*
0101 **(24064)** Baras, J.
W 6:30pm-9:10pm (EGR 2103)

ENSE623 *(PermReq)* **Systems Engineering Design Project; (3)** REG/AUD. *Prerequisite: ENSE 622 and permission of department. Credit will be granted for only one of the following: ENSE 623 or ENSE 610. Formerly ENSE 610.*
0101 **(24074)** Austin, M.
Tu 7:00pm-9:40pm (Arranged)

ENSE625 *(PermReq)* **Systems Financial and Contract Management; (3)** REG/AUD. *Prerequisite: permission of department. Credit will be granted for only one of the following: ENSE 625 or ENSE 612. Formerly ENSE 612.*
0101 **(24084)** Richardson, L.
M 6:30pm-9:10pm (ERB 0305)

ENSE799 *(PermReq)* **Systems Engineering Thesis; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ENSP Environmental Science and Policy (Agriculture and Natural Resources)

ENSP101 Introduction to Environmental Science; (3) REG/P-F/AUD. *Not open to students who have completed PBIO 235.*
0101 **(24155)** Sullivan, J.
TuTh 9:30am-10:45am (PLS 1130)
Th 2:00pm-3:00pm (PLS 1146) Dis
0102 **(24156)** Sullivan, J.
TuTh 9:30am-10:45am (PLS 1130)
Th 3:00pm-4:00pm (PLS 1146) Dis

ENSP101+ Introduction to Environmental Science; (3) REG/P-F/AUD. *Not open to students who have completed PBIO 235.* Restricted to students in a First Year Focus Cluster.
0101 **(24166)** Sullivan, J.
TuTh 9:30am-10:45am (PLS 1130)
Th 2:00pm-3:00pm (PLS 1146) Dis

ENTM Entomology (Life Sciences)

ENTM100 Insects; (3) REG/P-F/AUD. CORE: LS
0101 **(24227)** Hellman, J.
TuTh 2:00pm-3:15pm (PHY 1412)

ENTM111 Beekeeping; (2) REG/AUD.
0101 **(24237)** Hellman, J.
TuTh 8:00am-9:00am (PLS 1184)

ENTM205 Principles of Entomology; (4) REG/P-F/AUD. CORE: LL
0101 **(24247)** Raupp, M.
TuTh 9:30am-10:45am (PLS 1140)
Tu 11:00am-1:00pm (PLS 1161) Lab
0102 **(24248)** Raupp, M.
TuTh 9:30am-10:45am (PLS 1140)
Th 11:00am-1:00pm (PLS 1161) Lab

ENTM303 International Pesticide Problems and Solutions; (3) REG/P-F/AUD. *Prerequisites: (BIOL 101 and BIOL 102) or (PBIO 100 and PBIO 101) or BIOL 105.*
0101 **(24258)** Bottrell, D.
MWF 9:00am-9:50am (PLS 1119)

ENTM313 Biodiversity Issues in Conservation Management; (3) REG/AUD. *Prerequisite: PBIO 200 or ENTM 205 or ZOOL 210 or permission of department.*
0101 **(24268)** Bottrell, D.
TuTh 11:00am-12:15pm (PLS 1119)

ENTM399 *(PermReq)* **Special Problems; (1-2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENTM423 Insect Form and Function; (4) REG/AUD. *Prerequisite: ENTM 205 or permission of department.*
0101 **(24302)** Shultz, J.
MWF 9:00am-9:50am (PLS 1115)
F 2:00pm-4:00pm (PLS 1161) Lab

ENTM453 Insect Pests of Ornamentals and Turf; (3) REG/P-F/AUD. *Prerequisite: ENTM 205 or permission of department.*
0101 **(24312)** Raupp, M.
TuTh 9:30am-10:45am (PLS 1119)
Tu 1:00pm-3:30pm (PLS 1161) Lab

ENTM622 Principles of Systematic Entomology; (3) REG/AUD. *Prerequisite: ENTM 421.*
0101 **(24323)** Shultz, J.
TuTh 9:00am-11:00am (PLS 1168)

ENTM699 *(PermReq)* **Advanced Entomology; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENTM788A Entomological Topics: Eukaryote Molecular Genetics; (3) REG/AUD.
0101 **(24344)** Mount, S.
MWF 9:00am-9:50am (PLS 1117)

ENTM788B Entomological Topics: Store Product Pest Management; (2) REG/AUD.
0101 **(24354)** Hellman, J.
Time and room to be arranged

ENTM788D Entomological Topics: Pest Management Implementation; (2) REG/AUD.
0101 **(24355)** Bottrell, D.
Time and room to be arranged

ENTM789 Field Experience in Pest Management; (1-6) REG/AUD.
0101 **(24364)** Dively, G.
Time and room to be arranged

ENTM798A Topic Seminar: Seminar in Biosystematics and Morphology; (1) REG/AUD.
0101 **(24374)** Mitter, C.
Time and room to be arranged

ENTM798G Topic Seminar: Urban Entomology; (1) REG/AUD.
0101 **(24375)** Thorne, B.
Time and room to be arranged

ENTM799 Master's Thesis Research; (1-6) REG. Indiv. Instruction course: contact department or instructor to obtain section number.

ENTM899 Doctoral Dissertation Research; (1-8) REG. Indiv. Instruction course: contact department or instructor to obtain section number.

ENTS Telecommunications (Engineering)

ENTS608 Telecommunications Seminar; (1) REG.
0101 **(24459)** Grimm, C.
Time and room to be arranged

ENTS609 Telecommunications Project; (3) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENTS620 Principles of Telecommunications; (3) REG.
0101 **(24483)** STAFF
Th 5:30pm-8:15pm (EGR 1102)

ENTS630 The Economics of International Telecommunications; (3) REG.
0101 **(24493)** Windle, R.
Tu 5:30pm-8:15pm (Arranged)

ENTS631 Competitive Strategies and Public Policies in Telecommunications; (3) REG. *Prerequisite: ENTS 630.*
0101 **(24503)** Grimm, C.
M 5:30pm-8:15pm (VMH 1314)

ENTS640 Telecommunication Networks; (3) REG.
0101 **(24513)** Shayman, M.
W 5:30pm-8:15pm (AVW 2460)

ENTS655 Digital Signal Processing; (3) REG. *Prerequisite: linear system concepts and transfer in methods at senior electrical engineering level.*
0101 **(24514)** STAFF
Th 5:30pm-8:15pm (EGR 3102)

ENTS660 Network Management; (3) REG.
0101 **(24515)** Oveissi, M.
M 5:30pm-8:15pm (EGR 3114)

FMST Family Studies (Health and Human Performance)

FMST105 Individuals in Families; (3) REG/P-F/AUD. *Formerly FMCD 105.*
0101 **(24563)** Zeiger, R.
MWF 11:00am-11:50am (MMH 1304)

FMST290 Family Economics; (3) REG/P-F/AUD.
0101 **(24573)** Mokhtari, M.
TuTh 5:00pm-6:15pm (MMH 1400)

FMST298F Special Topics in Family Studies: The Future of Families; (3) REG/P-F/AUD.
0101 **(24583)** Letiecq, B.
TuTh 2:00pm-3:15pm (MMH 1400)

FMST330 Family Theories and Patterns; (3) REG/AUD. *Junior standing. Formerly FMCD 330.*
0101 **(24593)** Randolph, S.
TuTh 12:30pm-1:45pm (MMH 1400)
0201 **(24594)** Dargan, V.
TuTh 2:00pm-3:15pm (MMH 1304)

FMST332 Children in Families; (3) REG/P-F/AUD. *Prerequisite: FMST 105 or PSYC 100. Formerly FMCD 332.*
0101 **(24604)** Annand, V.
TuTh 9:30am-10:45am (MMH 1400)
0201 **(24605)** Millstein, F.
TuTh 11:00am-12:15pm (MMH 0108)
0301 **(24606)** Dargan, V.
TuTh 11:00am-12:15pm (CHM 0115)

FMST341 Personal and Family Finance; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: FMCD 441, FMST 341, FMCD 341 or CNEC 410. Formerly FMCD 341.*
0101 **(24615)** Mokhtari, M.
TuTh 6:30pm-7:45pm (MMH 1400)

FMST381 Poverty, Affluence, and Families; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: SOCY 100 or SOCY 105. Formerly FMCD 381.*
0101 **(24625)** STAFF
MWF 9:00am-9:50am (HBK 0109)
0201 **(24626)** STAFF
MWF 10:00am-10:50am (MMH 1304)

FMST383 Delivery of Human Services to Families; (3) REG/P-F/AUD. *Prerequisite: FMST 330. Formerly FMCD 383.*
0101 **(24636)** Wallen, J.
MWF 10:00am-10:50am (ARM 0112)

FMST399 *(PermReq)* **Independent Study; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FMST432 Intergenerational Aspects of Family Living; (3) REG/P-F/AUD. *Prerequisites: PSYC 100; and SOCY 100; and FMST 332 (or other human development course). Formerly FMCD 432.*
0101 **(24660)** Rubin, R.
TuTh 12:30pm-1:45pm (MMH 1304)
0201 **(24661)** Sims, B.
MW 6:00pm-7:15pm (ARM 0119)

FMST460 Violence in Families; (3) REG/P-F/AUD. *Prerequisite: PSYC 100 or SOCY 100 or SOCY 105. Formerly FMCD 460.*
0101 **(24670)** Hampton, R.
W 11:00am-1:45pm (PLS 1130)

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

FMST477 *(PermReq)* **Internship and Analysis in Family Studies; (3)** REG/P-F/AUD. *Prerequisites: FMST 383, plus an additional six FMST credits and permission of department. For FMST majors only. Credit will be granted for only one of the following: FMST 477 or FMST 347. Formerly FMST 347.* Deadlines apply. See student guide, room 1216 Marie Mount Hall.
0101 **(24680)** Millstein, F.
W 2:30pm-4:00pm (MMH 1304)
0201 **(24681)** STAFF
W 2:30pm-4:00pm (MMH 1108A)
0301 **(24682)** STAFF
W 2:30pm-4:00pm (MMH 1402)
0401 **(24683)** STAFF
W 2:30pm-4:00pm (MMH 1206)
0501 **(24684)** STAFF
W 2:30pm-4:00pm (MMH 1312)

FMST487 Legal Aspects of Family Problems; (3) REG/P-F/AUD. *Formerly FMCD 487.*
0101 **(24694)** Myricks, N.
TuTh 3:30pm-4:45pm (MMH 1400)
0201 **(24695)** Bozinko, S.
Th 2:00pm-4:45pm (CHM 0128)

FMST497 The Child and the Law; (3) REG/P-F/AUD. *Formerly FMCD 497.*
0101 **(24704)** Myricks, N.
M 4:00pm-6:45pm (MMH 1304)

FMST498 Special Topics; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FMST498F Special Topics: African American Families; (3) REG/P-F/AUD.
0101 **(24728)** Dargan, V.
TuTh 3:30pm-4:45pm (MMH 1304)

FMST498T *(PermReq)* **Special Topics: Mock Trial Preparation; (3)** REG/P-F/AUD.
0101 **(24738)** Myricks, N.
W 6:00pm-8:45pm (MMH 1402)

FMST600 Family Theories; (3) REG/AUD. *Formerly FMCD 600.*
0101 **(24748)** Rubin, R.
Tu 4:00pm-6:45pm (MMH 1402)

FMST640 Family Therapy: Theory and Techniques; (3) REG/AUD. *Formerly FMCD 640.*
0101 **(24758)** Leslie, L.
M 12:00pm-2:45pm (MMH 1402)

FMST642 *(PermReq)* **Normal and Abnormal Processes in Intergenerational Marriage and Family Therapy; (3)** REG/AUD. *Prerequisite: FMST 640. Formerly FMCD 642.*
0101 **(24769)** Gaylin, N.
Th 1:30pm-4:15pm (MMH 1108A)

FMST650 *(PermReq)* **Ethical, Legal, and Professional Principles in Marriage and Family Therapy; (3)** REG/AUD. *Prerequisite: permission of department. Limited to students admitted to the family therapy program. Formerly FMCD 650.*
0101 **(24779)** Gaylin, N.
Tu 9:00am-11:45am (MMH 1108A)

FMST652 Intermediate Assessment, Diagnosis, and Treatment in Marriage and Family Therapy; (3) REG/AUD. *Prerequisite: FMST 651. Limited to students admitted to the family therapy program. Formerly FMCD 652.*
0101 **(24789)** Werlinich, C.
Tu 9:00am-11:45am (MMH 1402)

FMST658 *(PermReq)* **Supervised Clinical Practice of Marriage and Family Therapy; (1-2)** S-F. Prerequisite: FMST 650 and permission of instructor.
0201 **(24799)** Werlinich, C.
W 9:00am-12:00pm (MMH 2306)
0301 **(24800)** Leslie, L.
W 9:00am-12:00pm (MMH 2308)
0501 **(24801)** Gaylin, N.
W 9:00am-12:00pm (MMH 2304)
1801 **(24802)** Millstein, F.
W 9:00am-12:00pm (MMH 2302)

FMST660 Program Planning and Evaluation in Family Studies; (3) REG/AUD. *Formerly FMCD 660.*
0101 **(24812)** Wallen, J.
M 1:00pm-3:45pm (MMH 1108A)

FMST698 *(PermReq)* **Advanced Topics in Family Studies; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson.

FMST698F Advanced Topics in Family Studies: African American Families; (3) REG/AUD.
0101 **(24836)** Dargan, V.
TuTh 3:30pm-4:45pm (MMH 1304)

FMST699 *(PermReq)* **Independent Study; (1-6)** REG/AUD. Individual Instruction course: contact dept. or instructor to obtain section number.

FMST745 Gender and Ethnicity in Family Therapy and Service Delivery; (3) REG/AUD. *Formerly FMCD 745.*
0101 **(24860)** Leslie, L.
Th 9:30am-12:15pm (MMH 1402)

FMST789 *(PermReq)* **Non-Thesis Research; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FMST799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson.

FOLA Foreign Language (Arts and Humanities)

FOLA108G Elementary Foreign Languages I: Modern Greek; (3) REG/P-F/AUD. Introductory speaking, reading, and writing of Modern Greek for beginners. Not open for credit to native speakers. The follow-up elementary level course (FOLA 109G) will be offered in the spring semester.
0101 **(24947)** Pittas-Herschbach, M.
MWF 12:00pm-12:50pm (JMZ 2102)

FOLA118G Intermediate Foreign Languages I: Intermediate Modern Greek; (3) REG/P-F/AUD. Not open for credit to native speakers.
0101 **(24957)** Pittas-Herschbach, M.
MWF 2:00pm-2:50pm (JMZ 1211)

******** SELF-INSTRUCTIONAL LANGUAGE PROGRAM *******
The program is essentially self-instructional. The student supplies a blank tape and, in return, receives a recorded tape with the week's lesson. There is also a manual designed for self-instruction which the student is required to purchase. A native speaking tutor will be assigned to drill the student in the material learned from the tape and the accompanying manual. Every effort will be made to arrange drill sessions at times suitable to all participants in the program. Attendance at drill sessions is required of all students. There will be one final examination administered by a qualified examiner appointed by the director. The entire semester's grade will derive from this examination. Enrollment in the program is strictly limited. Application forms available in JMZ 1105. Mandatory orientation and scheduling meeting will be held at beginning of semester. Details posted outside of JMZ 1105.

FOLA138A *(PermReq)* **Directed Study of a Foreign Language I: Hungarian I; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24967)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138D *(PermReq)* **Directed Study of a Foreign Language I: Dutch I; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24977)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138E *(PermReq)* **Directed Study of a Foreign Language I: Elementary Tagalog I; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructioal Program.
0101 **(24987)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138F *(PermReq)* **Directed Study of a Foreign Language I: Polish I; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24997)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138K *(PermReq)* **Directed Study of a Foreign Language I: Persian I; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105) Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25007)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138P *(PermReq)* **Directed Study of a Foreign Language I: Hindi I; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25017)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138R *(PermReq)* **Directed Study of a Foreign Language I: Turkish I; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25027)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138S *(PermReq)* **Directed Study of a Foreign Language I: Egyptian Arabic I; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25037)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138T *(PermReq)* **Directed Study of a Foreign Language I: Vietnamese; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25047)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138V *(PermReq)* **Directed Study of a Foreign Language I: Armenian I; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25057)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139A *(PermReq)* **Directed Study of a Foreign Language II: Elementary Hungarian II; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25067)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139D *(PermReq)* **Directed Study of a Foreign Language II: Elementary Dutch II; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25077)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139E *(PermReq)* **Directed Study of a Foreign Language II: Tagalog II; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25087)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139F *(PermReq)* **Directed Study of a Foreign Language II: Polish II; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25097)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139K *(PermReq)* **Directed Study of a Foreign Language II: Elementary Persian II; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25107)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139P *(PermReq)* **Directed Study of a Foreign Language II: Hindi II; (3)** REG/P-F/AUD. Prerequisite: FOLA 138P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25117)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139R *(PermReq)* **Directed Study of a Foreign Language II: Elementary Turkish II; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25127)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139S *(PermReq)* **Directed Study of a Foreign Language II: Egyptian Arabic II; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25137)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139T *(PermReq)* **Directed Study of a Foreign Language II: Vietnamese; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details polsted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25147)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148A *(PermReq)* **Directed Study of a Foreign Language III: Hungarian III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139A or FOLA 158A or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25157)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148D *(PermReq)* **Directed Study of a Foreign Language III: Dutch III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139D or FOLA 158D or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25167)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148E *(PermReq)* **Directed Study of a Foreign Language III: Tagalog III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139E or FOLA 158E or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25177)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148F *(PermReq)* **Directed Study of a Foreign Language III: Polish III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139F or FOLA 158F or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25187)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148K *(PermReq)* **Directed Study of a Foreign Language III: Persian III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139K or FOLA 158K or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25197)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148P *(PermReq)* **Directed Study of a Foreign Language III: Hindi III; (3)** REG/P-F/AUD. Prerequisites: FOLA 139P or FOLA 158P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25207)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148R *(PermReq)* **Directed Study of a Foreign Language III: Turkish III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139R or FOLA 158R or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25217)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148S *(PermReq)* **Directed Study of a Foreign Language III: Egyptian Arabic III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139S or FOLA 158S or consent of program director. All students planning to take this course must complete application form (avaible in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25227)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148T *(PermReq)* **Directed Study of a Foreign Language III: Vietnamese; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25237)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149D *(PermReq)* **Directed Study of a Foreign Language IV: Dutch IV; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25247)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149E *(PermReq)* **Directed Study of a Foreign Language IV: Tagalog; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25257)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149K *(PermReq)* **Directed Study of a Foreign Language IV: Intermediate Persian; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25267)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149P *(PermReq)* **Directed Study of a Foreign Language IV: Hindi IV; (3)** REG/P-F/AUD. Prerequisite: FOLA 148P or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self- Instructional Program.
0101 **(25277)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149R *(PermReq)* **Directed Study of a Foreign Language IV: Turkish; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25287)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149S *(PermReq)* **Directed Study of a Foreign Language IV: Egyptian Arabic; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25297)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149T *(PermReq)* **Directed Study of a Foreign Language IV: Vietnamese; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25307)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158A *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Hungarian (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25317)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158D *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Dutch (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25327)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158E *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Tagalog (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25337)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158F *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Polish (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25347)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158K *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Persian (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25357)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158P *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Hindi (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25367)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158R *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Turkish I (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25377)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158S *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Egyptian Arabic (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25387)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158T *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Vietnamese (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25397)** Yaramanoglu, N
Time and room to be arranged Lab

FOLA158V *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Armenian (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25407)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158X *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Urdu (Intensive); (6)** REG/P-F/AUD. Students may register for FOLA 158X or 158P, not both. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25417)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159D *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Dutch (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25427)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159F *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Polish (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25437)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159K *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Persian (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25447)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159P *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Hindi (Intensive); (6)** REG/P-F/AUD. Prerequisite: FOLA 158P or 139P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25457)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159S *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Intensive Egyptian Arabic; (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25467)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159T *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Vietnamese (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25477)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159X *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Urdu (Intensive); (6)** REG/P-F/AUD. Prerequisite: FOLA 158X or 158P or 139P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25487)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA386 *(PermReq)* **Experiential Learning; (3)** REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*
0101 **(25497)** Yaramanoglu, N.
Time and room to be arranged Lab

FREN French
(Arts and Humanities)

A booklet fully describing the courses to be offered is available in the office of the Department of French and Italian, Room 3106 of the Juan Ramon Jimenez Hall.

FREN101 Elementary French; (4) REG/P-F/AUD. *Not open to students with 2 or more years of high-school level French.* Limited to students according to conditions described in the Foreign Language Placement section in this schedule.
0101 **(25547)** STAFF
Tu 10:00am-10:50am (JMZ 2117)
MWF 10:00am-10:50am (PLS 1111)
0201 **(25548)** STAFF
MWF 11:00am-11:50am (PLS 1117)
Tu 11:00am-11:50am (JMZ 2123)
0301 **(25549)** STAFF
MTuWF 1:00pm-1:50pm (JMZ 2117)
0401 **(25550)** STAFF
MW 12:00pm-2:00pm (JMZ 2120)

FREN102 Elementary French; (4) REG/P-F/AUD. *Prerequisite: FREN 101 at UMCP or permission of department.*
0101 **(25560)** STAFF
MWF 10:00am-10:50am (JMZ 0202)
Th 10:00am-10:50am (JMZ 2117)
0201 **(25561)** STAFF
MWF 1:00pm-1:50pm (PLS 1111)
Th 1:00pm-1:50pm (JMZ 0118)

FREN103 Review of Elementary French; (4) REG/P-F/AUD. *Limited to students who have had at least two years of high-school French or equivalent or who do not qualify for FREN 203. Credit will be granted for only one of the following: FREN 101/ FREN 102 or FREN 103.* Limited to students according to conditions described in the Foreign Language Placement section in this schedule.
0101 **(25571)** Desouza, P.
MTuWF 10:00am-10:50am (JMZ 0125)
0201 **(25572)** STAFF
MTuWF 11:00am-11:50am (JMZ 0125)
0301 **(25573)** STAFF
MTuWF 1:00pm-1:50pm (JMZ 0125)

FREN203 Intermediate French; (4) REG/P-F/AUD. CORE: HO Limited to students according to conditions described in the Foreign Language Placement section in this schedule.
0101 **(25583)** STAFF
TuTh 12:30pm-2:30pm (JMZ 2122)
0201 **(25584)** Desouza, P.
MTuWF 11:00am-11:50am (PLS 1111)
0301 **(25585)** STAFF
MTuWF 10:00am-10:50am (JMZ 2125)
0401 **(25586)** STAFF
TuTh 2:30pm-4:30pm (JMZ 2125)
0501 **(25587)** STAFF
MTuWF 11:00am-11:50am (JMZ 2125)
0601 **(25588)** Desouza, P.
MTuWF 1:00pm-1:50pm (LEF 1201)
0701 **(25589)** STAFF
MTuWF 1:00pm-1:50pm (JMZ 2125)

FREN204 Review Grammar and Composition; (3) REG/P-F/AUD. CORE: HO *Prerequisite: FREN 203 or permission of department.*
0101 **(25599)** STAFF
MWF 11:00am-11:50am (PLS 1184)
0201 **(25600)** Bondurant, D.
MWF 1:00pm-1:50pm (JMZ 0202)
0301 **(25601)** STAFF
TuTh 12:30pm-1:45pm (JMZ 1226)

FREN211 Intermediate Conversation; (3) REG/P-F/AUD. *Not open to native speakers. Prerequisite: FREN 203 or permission of department.*
0101 **(25611)** STAFF
TuTh 9:30am-10:45am (JMZ 1226)

FREN240 Masterworks of French Literature in Translation; (3) REG/P-F/AUD. CORE: HL
0101 **(25621)** Fink, B.
MWF 1:00pm-1:50pm (JMZ 3120)

FREN242 Black Writers of French Expression in Translation; (3) REG/P-F/AUD. CORE: HL DIVERSITY
0101 **(25641)** Frindethie, M.
TuTh 11:00am-12:15pm (JMZ 3120)

FREN250 Readings in French; (3) REG/P-F/AUD. CORE: HL *Prerequisite: FREN 203 or equivalent. Not open to native speakers.*
0101 **(25651)** STAFF
MWF 10:00am-10:50am (TLF 1103)
0301 **(25652)** STAFF
TuTh 11:00am-12:15pm (JMZ 2122)

FREN250H Readings in French; (3) REG/P-F/AUD. CORE: HL *Prerequisite: FREN 203 or equivalent. Not open to native speakers.* For general honors students only.
0101 **(25662)** STAFF
MWF 10:00am-10:50am (TLF 1103)
0301 **(25663)** STAFF
TuTh 11:00am-12:15pm (JMZ 2122)

FREN301 Composition and Style; (3) REG/P-F/AUD. *Prerequisite: FREN 204 or permission of department.*
0101 **(25673)** STAFF
MWF 12:00pm-12:50pm (JMZ 1205)
0201 **(25674)** STAFF
MWF 1:00pm-1:50pm (JMZ 1205)

FREN302 Practicum in Translation I; (3) REG/P-F/AUD. *Prerequisite: FREN 301 or permission of department.*
0101 **(25684)** Macbain, W.
MWF 1:00pm-1:50pm (JMZ 1120)
0201 **(25685)** STAFF
TuTh 11:00am-12:15pm (JMZ 1117)

FREN306 Commercial French I; (3) REG/P-F/AUD. *Prerequisite: FREN 301 or permission of department.* Also offered as ARHU 439 European Business Cultures.
0101 **(51684)** Hinshaw, J.
TuTh 2:00pm-3:15pm (JMZ 0120)

FREN311 French Conversation; (3) REG/P-F/AUD. *Prerequisite: any 200-level course in French above FREN 203 or permission of department. Not open to native speakers.*
0101 **(25695)** Frindethie, M.
TuTh 2:00pm-3:15pm (JMZ 2123)
0201 **(25696)** STAFF
MWF 10:00am-10:50am (JMZ 2117)
0301 **(25697)** STAFF
MWF 11:00am-11:50am (JMZ 2117)

FREN312 Introduction to French Culture: The French Press; (3) REG/P-F/AUD. *Prerequisite: any 200-level course in French above FREN 203 or permission of department. Not open to native speakers.*
0101 **(25708)** STAFF
TuTh 9:30am-10:45am (JMZ 3203)

FREN351 French Literature From the Revolution to the Present; (3) REG/P-F/AUD. *Prerequisite: FREN 204 or FREN 250 or permission of department.*
0101 **(25718)** STAFF
TuTh 11:00am-12:15pm (JMZ 0202)

FREN351H French Literature From the Revolution to the Present; (3) REG/P-F/AUD. *Prerequisite: FREN 204 or FREN 250 or permission of department.* For general honors students only.
0101 **(25728)** STAFF
TuTh 11:00am-12:15pm (JMZ 0202)

FREN352 French Literature From the Middle Ages to the Revolution; (3) REG/P-F/AUD. *Prerequisite: FREN 204 or FREN 250 or permission of department.*
0101 **(25738)** Macbain, W.
MWF 11:00am-11:50am (JMZ 3120)

FREN352H French Literature From the Middle Ages to the Revolution; (3) REG/P-F/AUD. *Prerequisite: FREN 204 or FREN 250 or permission of department.* For general honors students only.
0101 **(25748)** Macbain, W.
MWF 11:00am-11:50am (JMZ 3120)

FREN386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

FREN398 *(PermReq)* **Practicum in Spoken French; (1)** S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised conversation under professor of student's choice with consent of instructor. Contact department for details. Prerequisite: FREN 312 or permission of department chair.

FREN399 *(PermReq)* **Directed Study in French; (1)** S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with permission of instructor. Contact department for details.

FREN429 Studies in French Literature of the Renaissance: The Italian Renaissance in Translation; (3) REG/P-F/AUD.
0101 **(51686)** Campangne, H.
W 4:00pm-6:30pm (JMZ 3120)

FREN449 Studies in 18th Century French Literature; (3) REG/P-F/AUD.
0101 **(25807)** Fink, B.
MWF 10:00am-10:50am (JMZ 3203)

FREN473 Cross-Cultural Approaches to the Study of Contemporary French Society; (3) REG/P-F/AUD.
0101 **(25827)** Verdaguer, P.
TuTh 12:30pm-1:45pm (JMZ 3120)

FREN473H Cross-Cultural Approaches to the Study of Contemporary French Society; (3) REG/P-F/AUD. For general honors students only.
0101 **(25837)** Verdaguer, P.
TuTh 12:30pm-1:45pm (JMZ 3120)

FREN481 Femmes Fatales and the Representation of Violence in Literature, Opera and Film (in English); (3) REG/P-F/AUD.
0101 **(25847)** Mossman, C.
TuTh 11:00am-12:15pm (JMZ 2206)

FREN489M Pro-Seminar in Themes or Movements of French Literature: Dimensions and Perspectives of Francophone African and Caribbean Cinema (in English); (3) REG/P-F/AUD.
0101 **(25857)** Frindethie, M.
TuTh 9:30am-10:45am (JMZ 0122)

FREN495H *(PermReq)* **Honors Thesis Research; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Open only to students admitted to the departmental honors program.*

FREN499 *(PermReq)* **Special Topics in French Studies; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FREN499F Special Topics in French Studies: Femmes Fatales and the Representation of Violence in Literature, Opera and Film (in French); (3) REG/P-F/AUD.
0101 **(25899)** Mossman, C.
TuTh 11:00am-12:15pm (JMZ 2206)

FREN499M Special Topics in French Studies: Dimensions and Perspectives of Francophone African and Caribbean Cinema (in French); (3) REG/P-F/AUD.
0101 **(25909)** Frindethie, M.
TuTh 9:30am-10:45am (JMZ 0122)

FREN603 Advanced Translation; (3) REG/AUD.
0101 **(25919)** Verdaguer, P.
Tu 2:00pm-4:30pm (JMZ 3120)

FREN629 Special Topic in Sixteenth Century French Literature: From Knight to Honnete Homme (in English): The Italian Renaissance in Translation; (3) REG/AUD.
0101 **(25929)** Campangne, H.
W 4:00pm-6:30pm (JMZ 3120)

FREN679D The History of Ideas in France: French Cinema and the American Gaze; (3) REG/AUD.
0101 **(25939)** Hage, M.
Tu 4:30pm-7:00pm (JMZ 3120)

FREN689 Seminar in a Great Literary Figure: Ecriture Feminine; (3) REG/AUD.
0101 **(25949)** Hage, M.
Th 4:00pm-6:30pm (JMZ 3120)

FREN709 College Teaching of French; (1) S-F.
0101 **(25959)** STAFF
M 2:00pm-4:30pm (JMZ 3120)

FREN798 *(PermReq)* **Master's Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FREN799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

FREN818 French Literary Criticism; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FREN898 *(PermReq)* **Doctoral Independent Study; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FREN899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

GEMS Gemstone
(Engineering)

GEMS201 Technological Innovation: A Sociological Perspective; (3) REG. CORE: SB *For Gemstone participants only. Recommended: GEMS 101.*
0101 **(26049)** Hage, J.
MW 4:00pm-4:50pm (ASY 1213)
Tu 9:00am-9:50am (JMZ 0103) Dis
0102 **(26050)** Hage, J.
MW 4:00pm-4:50pm (ASY 1213)
Tu 1:00pm-1:50pm (HJP 1229) Dis
0103 **(26051)** Hage, J.
MW 4:00pm-4:50pm (ASY 1213)
W 9:00am-9:50am (HBK 1116) Dis
0104 **(26052)** Hage, J.
MW 4:00pm-4:50pm (ASY 1213)
W 2:00pm-2:50pm (HBK 1112) Dis
0105 **(26053)** Hage, J.
MW 4:00pm-4:50pm (ASY 1213)
Th 10:00am-10:50am (PLS 1176) Dis
0106 **(26054)** Hage, J.
MW 4:00pm-4:50pm (ASY 1213)
F 11:00am-11:50am (PLS 1176) Dis

GEOG Geography
(Behavioral and Social Sciences)

GEOG100 Introduction to Geography; (3) REG/P-F/AUD. CORE: SB
0101 **(26098)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
Th 10:00am-10:50am (LEF 1222) Dis
0102 **(26099)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
Th 11:00am-11:50am (TYD 1128) Dis
0103 **(26100)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
F 9:00am-9:50am (LEF 1220) Dis
0104 **(26101)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
Th 9:00am-9:50am (LEF 1222) Dis
0105 **(26102)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
F 10:00am-10:50am (JRN 1104) Dis
0106 **(26103)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
F 10:00am-10:50am (JRN 1105) Dis
0107 **(26104)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
F 12:00pm-12:50pm (LEF 1220) Dis
0108 **(26105)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
Th 10:00am-10:50am (JMZ 0120) Dis
0109 **(26106)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
F 10:00am-10:50am (LEF 1221) Dis
0110 **(26107)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
F 12:00pm-12:50pm (LEF 1201) Dis
0201 **(26108)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
Th 10:00am-10:50am (HBK 0103) Dis
0202 **(26109)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
Th 11:00am-11:50am (CHM 0124) Dis
0203 **(26110)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
F 9:00am-9:50am (JRN 1104) Dis
0204 **(26111)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
F 11:00am-11:50am (LEF 1220) Dis
0205 **(26112)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
F 11:00am-11:50am (LEF 2208) Dis
0206 **(26113)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
Th 12:00pm-12:50pm (WDS 1131) Dis
0207 **(26114)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
F 12:00pm-12:50pm (LEF 1222) Dis
0208 **(26115)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
F 11:00am-11:50am (TYD 2111) Dis
0209 **(26116)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
Th 11:00am-11:50am (JMZ 0125) Dis
0210 **(26117)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
Th 12:00pm-12:50pm (TYD 1128) Dis

GEOG150 World Cities; (3) REG/P-F/AUD. CORE: SB
0101 **(26127)** Eney, A.
TuTh 12:30pm-1:45pm (CSS 2416)

GEOG201 Geography of Environmental Systems; (3) REG/P-F/AUD. CORE Physical Science Lab (PL) Course only when taken concurrently with GEOG 211.
0101 **(26137)** Kearney, M.
TuTh 9:30am-10:45am (CSS 2324)

GEOG202 The World in Cultural Perspective; (3) REG/P-F/AUD. CORE: SB
0101 **(26147)** Mitchell, R.
MW 2:00pm-2:50pm (CSS 2324)
F 12:00pm-12:50pm (CSS 0201) Dis
0102 **(26148)** Mitchell, R.
MW 2:00pm-2:50pm (CSS 2324)
Th 2:00pm-2:50pm (JMP 2202) Dis
0103 **(26149)** Mitchell, R.
MW 2:00pm-2:50pm (CSS 2324)
Th 12:30pm-1:20pm (CSS 2352) Dis
0104 **(26150)** Mitchell, R.
MW 2:00pm-2:50pm (CSS 2324)
F 1:00pm-1:50pm (CSS 2330) Dis
0105 **(26151)** Mitchell, R.
MW 2:00pm-2:50pm (CSS 2324)
F 2:00pm-2:50pm (CSS 2330) Dis

(GEOG202 cont'd)

0106 **(26152)** Mitchell, R.
MW 2:00pm-2:50pm (CSS 2324)
Th 11:00am-11:50am (CSS 2416) Dis
0107 **(26153)** Mitchell, R.
MW 2:00pm-2:50pm (CSS 2324)
Th 11:00am-11:50am (JMP 2202) Dis
0108 **(26154)** Mitchell, R.
MW 2:00pm-2:50pm (CSS 2324)
Th 2:00pm-2:50pm (JMP 3105) Dis

GEOG211 Geography of Environmental Systems Laboratory; (1) REG/P-F/AUD. *Pre- or corequisite: GEOG 201 or GEOL 100 or GEOL 120.* CORE Physical Science Lab (PL) Course only when taken concurrently with GEOG 201. This is a 2 hr, 1 credit lab which parallels GEOG 201; Required for GEOG majors; optional for non-majors.
0101 **(26164)** Kearney, M.
M 9:00am-11:00am (LEF 1138) Lab
0201 **(26165)** Kearney, M.
F 9:00am-11:00am (LEF 1138) Lab
0301 **(26166)** Kearney, M.
M 1:00pm-3:00pm (LEF 1138) Lab
0401 **(26167)** Kearney, M.
Tu 11:00am-1:00pm (LEF 1138) Lab
0501 **(26168)** Kearney, M.
W 9:00am-11:00am (LEF 1138) Lab

GEOG212 *(PermReq)* **The World in Cultural Perspective Laboratory; (1)** REG/P-F/AUD. *Pre- or corequisite: GEOG 202. For GEOG majors only.*
0101 **(26178)** Mitchell, R.
F 9:00am-11:00am (CSS 2352) Lab

GEOG305 Quantitative Methods in Geography; (3) REG/P-F/AUD.
0101 **(26188)** Brodsky, H.
MWF 9:00am-9:50am (CSS 2428)

GEOG310 Research and Writing in Geography; (3) REG/P-F/AUD. *Prerequisite: GEOG 305.*
0101 **(26198)** Eney, A.
M 1:00pm-3:30pm (CSS 2428)

GEOG321 Maryland and Adjacent Areas; (3) REG/P-F/AUD.
0101 **(26208)** Eney, A.
MWF 10:00am-10:50am (CSS 2324)

GEOG323 Latin America; (3) REG/P-F/AUD. DIVERSITY
0101 **(26218)** Geores, M.
MWF 11:00am-11:50am (CSS 2428)

GEOG340 Geomorphology; (3) REG/P-F/AUD.
0101 **(26228)** Kearney, M.
TuTh 2:00pm-3:15pm (CSS 2324)

GEOG345 Climatology; (3) REG/P-F/AUD.
0101 **(26238)** Czajkowski, K.
TuTh 12:30pm-1:45pm (CSS 2330)

GEOG350 The American City: Past and Present; (3) REG/P-F/AUD.
0101 **(26248)** Thompson, D.
M 1:00pm-3:00pm (CSS 1113)
W 1:00pm-3:00pm (CSS 2341) Lab
0102 **(26249)** Thompson, D.
M 1:00pm-3:00pm (CSS 1113)
Tu 2:00pm-4:00pm (CSS 2341) Lab

GEOG360 Cultural Geography; (3) REG/P-F/AUD. *Prerequisite: GEOG 201 or GEOG 202 or ANTH 101 or ANTH 102. Junior standing. Credit will be granted for only one of the following: GEOG 360 or GEOG 420. Formerly GEOG 420.*
0101 **(26259)** Mitchell, R.
MWF 10:00am-10:50am (CSS 1113)

GEOG370 Principles of Cartography; (3) REG/AUD.
0101 **(26269)** Liang, S.
Tu 4:00pm-6:00pm (CSS 1113)
M 5:00pm-7:00pm (CSS 2428) Lab
0102 **(26270)** Liang, S.
Tu 4:00pm-6:00pm (CSS 1113)
W 5:00pm-7:00pm (CSS 2428) Lab

GEOG372 Remote Sensing; (3) REG/P-F/AUD.
0101 **(26280)** Tucker, C.
M 3:00pm-5:00pm (CSS 2324)
Tu 4:00pm-6:00pm (LEF 1138) Lab
0102 **(26281)** Tucker, C.
M 3:00pm-5:00pm (CSS 2324)
W 3:00pm-5:00pm (CSS 1113) Lab

GEOG373 Computer Mapping; (3) REG/P-F. *Prerequisite: GEOG 370 or CMSC 110 or permission of department.*
0101 **(26291)** Broome, F.
M 3:00pm-5:00pm (CSS 1113)
Tu 4:00pm-6:00pm (CSS 2330) Lab
0102 **(26292)** Broome, F.
M 3:00pm-5:00pm (CSS 1113)
W 3:00pm-5:00pm (CSS 2416) Lab
0103 **(26293)** Broome, F.
M 3:00pm-5:00pm (CSS 1113)
Th 4:00pm-6:00pm (CSS 1113) Lab

GEOG384 *(PermReq)* **Internship in Geography; (3)** S-F. *Prerequisite: GEOG 305; and GEOG 310; and permission of department. Corequisite: GEOG 385.*
0101 **(26303)** Cirrincione, J.
Time and room to be arranged

GEOG385 *(PermReq)* **Internship Research Paper; (3)** REG/P-F/AUD. *Prerequisite: GEOG 305; and GEOG 310; and permission of department. Corequisite: GEOG 384.*
0101 **(26313)** Cirrincione, J.
Time and room to be arranged

GEOG398 *(PermReq)* **Honors Research; (3)** REG/P-F/AUD.
0101 **(26323)** Goward, S.
Time and room to be arranged

GEOG399 *(PermReq)* **Honors Thesis; (3)** REG/P-F/AUD.
Prerequisite: GEOG 398.
0101 **(26333)** Goward, S.
Time and room to be arranged

GEOG411 19th Century North America; (3) REG/P-F/AUD.
0101 **(26343)** Groves, P.
TuTh 2:00pm-3:15pm (CSS 1113)

GEOG421 Cultural Ecology; (3) REG/P-F/AUD.
0101 **(26353)** Geores, M.
MWF 9:00am-9:50am (CSS 1113)

GEOG422 Population Geography; (3) REG/P-F/AUD.
0101 **(26363)** Christian, C.
TuTh 11:00am-12:15pm (CSS 1113)

GEOG440 Process Geomorphology; (3) REG/P-F/AUD. *Prerequisite: GEOG 340 or GEOL 340 or permission of department.*
0101 **(26373)** STAFF
M 4:00pm-6:30pm (CSS 2416)

GEOG448 *(PermReq)* **Field and Laboratory Techniques in Environmental Science; (1-3)** REG/P-F/AUD.
0101 **(26383)** Dubayah, R.
Time and room to be arranged Lab

GEOG456 The Social Geography of Metropolitan Areas; (3) REG/P-F/AUD.
0101 **(26393)** Christian, C.
Tu 4:00pm-6:30pm (CSS 2352)

GEOG467 Energy Resources and the Environment; (3) REG/P-F/AUD.
0101 **(26403)** Boberg, J.
TuTh 2:00pm-3:15pm (HHP 0302)

GEOG470 Development of Cartographic Technology; (3) REG/P-F/AUD.
0101 **(26413)** Brodsky, H.
MWF 11:00am-11:50am (CSS 1113)

GEOG498 *(PermReq)* **Topical Investigations: Selected Topics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Restricted to advanced undergraduate students with credit for at least 24 hours in geography and to graduate students. Any exceptions should have approval of department. Repeatable to 6 credits if content differs.

GEOG498B Topical Investigations: Introduction to Biogeography; (3) REG/P-F/AUD.
0101 **(26442)** Prince, S.
TuTh 9:30am-10:45am (CSS 1113)

GEOG600 *(PermReq)* **Introduction to Geography; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(26452)** Townshend, J.
F 2:30pm-5:00pm (CSS 2416)

GEOG605 *(PermReq)* **Quantitative Spatial Analysis; (3)** REG/AUD. *Prerequisite: GEOG 305; and GEOG 483, or permission of department.*
0101 **(26462)** Liang, S.
Th 5:00pm-7:30pm (CSS 2416)

GEOG618A *(PermReq)* **Seminar in Geomorphology: Process Geomorphology; (3)** REG/AUD.
0101 **(26472)** STAFF
M 4:00pm-6:30pm (CSS 2416)

GEOG788 *(PermReq)* **Selected Topics in Geography; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number. Repeatable to 6 credits if content differs.

GEOG788B *(PermReq)* **Selected Topics in Geography: Cultural Ecology; (3)** REG/AUD.
0101 **(26501)** Geores, M.
MWF 9:00am-9:50am (CSS 1113)

GEOG788C *(PermReq)* **Selected Topics in Geography: 19th Century North America; (3)** REG/AUD.
0101 **(26511)** Groves, P.
TuTh 2:00pm-3:15pm (CSS 1113)

GEOG788D *(PermReq)* **Selected Topics in Geography: Population Geography; (3)** REG/AUD.
0101 **(26521)** Christian, C.
TuTh 11:00am-12:15pm (CSS 1113)

GEOG788E *(PermReq)* **Selected Topics in Geography: The Social Geography of Metropolitan Areas; (3)** REG/AUD.
0101 **(26531)** Christian, C.
Tu 4:00pm-6:30pm (CSS 2352)

GEOG788F *(PermReq)* **Selected Topics in Geography: Energy Resources and the Environment; (3)** REG/AUD.
0101 **(26541)** Boberg, J.
TuTh 2:00pm-3:15pm (HHP 0302)

GEOG788R Selected Topics in Geography: Remote Sensing Seminar; (3) REG/AUD.
0101 **(26551)** Goward, S.
M 5:00pm-7:30pm (CSS 2352)

GEOG788S *(PermReq)* **Selected Topics in Geography; (1)** REG/AUD.
0101 **(26561)** Townshend, J.
Th 3:30pm-5:00pm (CSS 2324)

GEOG789 *(PermReq)* **Independent Readings; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Repeatable to 6 credits if content differs.

GEOG790 *(PermReq)* **Internship in Geography; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GEOG799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

GEOG899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

GEOL Geology
(Computer, Mathematical and Physical Sciences)

GEOL100 Physical Geology; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: GEOL 100 or GEOL 103 or GEOL 105 or GEOL 107.* CORE Physical Science Lab (PL) Course only when taken concurrently with GEOL 110.
0101 **(26695)** Piccoli, P.
MWF 1:00pm-1:50pm (LEF 2205)
0201 **(26696)** Wylie, A.
TuTh 3:30pm-4:45pm (HJP 0226)

GEOL104 Dinosaurs: A Natural History; (3) REG/P-F/AUD. CORE: PS
0101 **(26706)** Holtz, T.
MWF 10:00am-10:50am (SYM 0200)

GEOL110 Physical Geology Laboratory; (1) REG/P-F. *Pre- or corequisite: GEOL 100 or GEOL 120.* CORE Physical Science Lab (PL) Course only when taken concurrently with GEOL 100.
0101 **(26716)** STAFF
Th 12:00pm-3:00pm (GEO 2106) Lab
0102 **(26717)** STAFF
M 12:00pm-3:00pm (GEO 2106) Lab
0103 **(26718)** STAFF
Tu 12:00pm-3:00pm (GEO 2106) Lab
0104 **(26719)** STAFF
Tu 3:00pm-6:00pm (GEO 2106) Lab
0105 **(26720)** STAFF
Th 3:00pm-6:00pm (GEO 2106) Lab
0106 **(26721)** STAFF
W 9:00am-12:00pm (GEO 2106) Lab
0107 **(26722)** STAFF
W 12:00pm-3:00pm (GEO 2106) Lab
0108 **(26723)** STAFF
M 3:00pm-6:00pm (GEO 2106) Lab
0109 **(26724)** STAFF
Tu 9:00am-12:00pm (GEO 2106) Lab
0110 **(26725)** STAFF
Th 9:00am-12:00pm (GEO 2106) Lab

GEOL120 Environmental Geology; (3) REG/P-F/AUD. CORE: PS
0101 **(26735)** Segovia, A.
TuTh 9:30am-10:45am (MCB 1207)
0102 **(26736)** Segovia, A.
TuTh 12:30pm-1:45pm (HJP 2242)
0103 **(26737)** am Ende, B.
TuTh 9:30am-10:45am (ASY 2309)
0104 **(26738)** Libeau, S.
TuTh 12:30pm-1:45pm (ZOP 1250)

GEOL120+ Environmental Geology; (3) REG/P-F/AUD. CORE: PS
Restricted to students in a First Year Focus Cluster.
0102 **(26748)** Segovia, A.
TuTh 12:30pm-1:45pm (HJP 2242)

GEOL120H Environmental Geology; (3) REG/P-F/AUD. CORE: PS
For general honors students only.
0101 **(26758)** am Ende, B.
TuTh 12:30pm-1:45pm (PLS 1119)

GEOL322 Mineralogy; (4) REG. *Prerequisites: GEOL 110 and CHEM 103.*
0101 **(26768)** Chang, L.
TuTh 8:00am-9:15am (GEO 1120)
Tu 11:00am-2:00pm (GEO 2107) Lab

GEOL331 Invertebrate Paleontology; (4) REG/P-F. *Prerequisite: GEOL 102.*
0101 **(26778)** Holtz, T.
MWF 8:00am-8:50am (GEO 1120)
M 2:00pm-5:00pm (GEO 2107) Lab

GEOL341 Structural Geology; (4) REG. *Prerequisite: GEOL 102 or permission of department.*
0101 **(26788)** Solar, G.
TuTh 9:30am-10:45am (GEO 1120)
Th 11:00am-2:00pm (GEO 2107) Lab

GEOL386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

GEOL393 Technical Writing for Geoscientists; (3) REG/P-F/AUD. *Prerequisites: completion of any two of the following and concurrent registration in the third: GEOL 341, GEOL 331, GEOL 322, and GEOL 451. For GEOL majors only.*
0101 **(26799)** Candela, P.
MW 5:00pm-6:00pm (GEO 1120)

GEOL393H Technical Writing for Geoscientists; (3) REG/P-F/AUD. *Prerequisites: completion of any two of the following and concurrent registration in the third: GEOL 341, GEOL 331, GEOL 322, and GEOL 451. For GEOL majors only.* For honors students only.
0101 **(26809)** Candela, P.
MW 5:00pm-6:00pm (GEO 1120)

GEOL394 Research Problems in Geology; (3) REG/P-F/AUD. CORE: CS *Prerequisite: GEOL 393.*
0101 **(26819)** Candela, P.
MW 5:00pm-6:00pm (GEO 1120)

GEOL394H Research Problems in Geology; (3) REG/P-F/AUD. CORE: CS *Prerequisite: GEOL 393.* For general honors students only.
0101 **(26829)** Candela, P.
MW 5:00pm-6:00pm (GEO 1120)

GEOL445 Principles of Geochemistry; (3) REG/P-F/AUD. *Prerequisites: CHEM 103; and GEOL 322.*
0101 **(26839)** Gallup, C.
TuTh 2:30pm-3:45pm (GEO 1120)

GEOL456 Engineering Geology; (3) REG/P-F/AUD. *Prerequisite: GEOL 341.*
0101 **(26849)** Segovia, A.
MW 9:30am-10:20am (GEO 1120)
W 10:30am-1:30pm (GEO 2117) Lab

GEOL499 *(PermReq)* **Special Problems in Geology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GEOL614 Thermodynamics of Geological Processes; (3) REG/AUD. *Prerequisites: MATH 141; and CHEM 113; and GEOL 322; and PHYS 142.*
0101 **(26870)** Candela, P.
MW 10:15am-11:30am (GEO 2107)

GEOL622 Minerology of the Rock-Forming Silicates; (3) REG/AUD. *Prerequisite: GEOL 422 and CHEM 481 or equivalent.*
0101 **(26880)** Chang, L.
TuTh 12:30pm-1:45pm (GEO 1120)

GEOL789E Recent Advances in Geology: Earth History; (3) REG/AUD.
0101 **(26881)** Kaufman, A.
TuTh 3:30pm-4:45pm (CHM 0225)

GEOL798 *(PermReq)* **Seminar in Geology; (1)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GEOL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

GEOL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

GERM Germanic Studies
(Arts and Humanities)

GERM101 Elementary German I; (4) REG/P-F/AUD. *Formerly GERM 111.*
0201 **(26983)** STAFF
MTuWF 9:00am-9:50am (JMZ 1122)
0301 **(26984)** STAFF
MTuWF 10:00am-10:50am (JMZ 1122)
0401 **(26985)** STAFF
MTuWF 11:00am-11:50am (JMZ 1122)
0501 **(26986)** STAFF
MTuWF 12:00pm-12:50pm (JMZ 1122)
0601 **(26987)** STAFF
MTuWF 1:00pm-1:50pm (JMZ 1122)

GERM102 Elementary German II; (4) REG/P-F/AUD. *Prerequisite: GERM 101 or equivalent. Formerly GERM 112.*
0201 **(26997)** STAFF
MWF 9:00am-9:50am (JMZ 1211)
Th 9:00am-9:50am (JMZ 2125)
0301 **(26998)** STAFF
MWF 10:00am-10:50am (JMZ 1211)
Th 10:00am-10:50am (JMZ 2125)
0401 **(26999)** STAFF
MWF 11:00am-11:50am (JMZ 1211)
Th 11:00am-11:50am (JMZ 2125)

GERM103 Review of Elementary German; (4) REG/P-F/AUD. *Prerequisite: assignment either by placement examination or by the undergraduate director (Germanic Section).*
0201 **(27009)** STAFF
MWF 11:00am-11:50am (JMZ 3205)
Tu 11:00am-11:50am (JMZ 3205)

GERM148D Germanic Languages - Elementary I: Danish - Elementary I; (3) REG/P-F/AUD.
0101 **(27019)** Greene-Gantzberg, V.
MWF 9:00am-9:50am (JMZ 3203)

GERM148Y Germanic Languages - Elementary I: Yiddish I; (3) REG/P-F/AUD.
0101 **(51685)** Isaacs, M.
TuTh 9:30am-10:45am (JMZ 1224)

GERM201 Intermediate German I; (4) REG/P-F/AUD. CORE: HO *Prerequisite: GERM 102.*
0201 **(27030)** STAFF
MWF 10:00am-10:50am (JMZ 1104)
Th 10:00am-10:50am (JMZ 1122)
0301 **(27031)** STAFF
MWF 11:00am-11:50am (JMZ 1104)
Th 11:00am-11:50am (JMZ 1122)

GERM202 Intermediate German II; (4) REG/P-F/AUD. CORE: HO *Prerequisite: GERM 201. Not open to students who have completed GERM 211. Credit will be granted for only one of the following: GERM 202 or GERM 211 or GERM 104. Formerly GERM 211.*
0201 **(27043)** STAFF
MWF 12:00pm-12:50pm (JMZ 3205)
Th 12:00pm-12:50pm (JMZ 1122)

GERM220 Introduction to German Literature; (3) REG/P-F/AUD. *Prerequisite: GERM 202.*
0101 **(27053)** Mills, W.
MWF 10:00am-10:50am (JMZ 3205)

GERM220H Introduction to German Literature; (3) REG/P-F/AUD. *Prerequisite: GERM 202.* For general honors students only.
0101 **(27063)** Mills, W.
MWF 10:00am-10:50am (JMZ 3205)

GERM248D Germanic Languages Intermediate - I: Intermediate Danish; (3) REG/P-F/AUD.
0101 **(27073)** Greene-Gantzberg, V.
MWF 10:00am-10:50am (JMZ 3215F)

GERM248S Germanic Languages Intermediate - I: Intermediate Swedish I; (3) REG/P-F/AUD.
0101 **(27083)** Oster, R.
TuTh 11:00am-12:15pm (JMZ 1109)

GERM280 German-American Cultural Contrast; (3) REG/P-F/AUD. CORE: HO
0101 **(27103)** Pfister, G.
MWF 12:00pm-12:50pm (JMZ 3203)

GERM281 Women in German Literature and Society; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as WMST 281. Credit will be granted for only one of the following: GERM 281 or WMST 281.*
0101 **(27113)** Frederiksen, E.
TuTh 11:00am-12:15pm (JMZ 3203)

GERM282 Germanic Mythology; (3) REG/P-F/AUD. CORE: HL
0101 **(27123)** Fleck, J.
TuTh 12:30pm-1:45pm (JMZ 3205)

GERM284 German Chivalric Culture; (3) REG/P-F/AUD. CORE: HL *Formerly GERM 384.*
0101 **(27133)** Fleck, J.
TuTh 2:00pm-3:15pm (JMZ 3205)

GERM301 Conversation and Composition I; (3) REG/P-F/AUD. *Prerequisite: GERM 202 or equivalent.* Newly organized course
0101 **(27143)** STAFF
MWF 11:00am-11:50am (JMZ 3203)
0201 **(27144)** STAFF
MWF 11:00am-11:50am (MCB 1207)

GERM302 Conversation and Composition II; (3) REG/P-F/AUD. *Prerequisite: GERM 301 or equivalent.*
0101 **(27154)** STAFF
TuTh 2:00pm-3:15pm (JMZ 2102)

CORE Codes ... CS - Capstone **HL** - Humanities and the Arts, Literature **HA** - Humanities and the Arts, History or Theory of the Arts
HO - Humanities and the Arts, Humanities **PS** - Mathematics and the Sciences, Physical Sciences (Non-Lab)
PL - Mathematics and the Sciences, Physical Sciences (Lab)

GERM339 German Literature In Translation: Kafka; (3) REG/P-F/AUD.
0101 **(27163)** Beicken, P.
M 2:00pm-3:30pm (JMZ 3205)
W 2:00pm-2:50pm (JMZ 3205) Dis

GERM339H German Literature In Translation: Kafka; (3) REG. For general honors students only.
0101 **(27173)** Beicken, P.
M 2:00pm-3:30pm (JMZ 3205)
W 2:00pm-2:50pm (JMZ 3205) Dis

GERM381 German Civilization I; (3) REG/P-F/AUD. Newly organized course.
0101 **(27193)** Walker, R.
MWF 1:00pm-1:50pm (JMZ 1224)

GERM386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

GERM389 Topics in Germanic Culture: Folklore and Folkliterature; (3) REG/P-F/AUD.
0101 **(27213)** Walker, R.
MWF 10:00am-10:50am (JMZ 3120)

GERM397H *(PermReq)* **Honors Reading (Independent Study); (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Students must have department's permission before registering.

GERM403 Advanced Composition; (3) REG/P-F/AUD. *Prerequisite: GERM 302 or equivalent.*
0101 **(27233)** Greene-Gantzberg, V.
MWF 11:00am-11:50am (HBK 0105)

GERM403H Advanced Composition; (3) REG/P-F/AUD. *Prerequisite: GERM 302 or equivalent.* For general honors students only.
0101 **(27243)** Greene-Gantzberg, V.
MWF 11:00am-11:50am (HBK 0105)

GERM439 Selected Topics in German Literature: Berlin und Wien um 1900; (3) REG/P-F/AUD.
0101 **(27253)** Frederiksen, E.
TuTh 12:30pm-1:45pm (JMZ 3118)

GERM439H Selected Topics in German Literature: Berlin und Wien um 1900; (3) REG/P-F/AUD. For general honors students only.
0101 **(27263)** Frederiksen, E.
TuTh 12:30pm-1:45pm (JMZ 3118)

GERM479 Selected Topics in Germanic Philology: Old Irish; (3) REG/P-F/AUD.
0101 **(27274)** Fleck, J.
TuTh 3:30pm-4:45pm (JMZ 1117)

GERM489O Selected Topics in Area Studies: Early Germanic Religions; (3) REG/P-F/AUD.
0101 **(27283)** Oster, R.
M 4:00pm-6:30pm (JMZ 3205)

GERM498H Honors Thesis Writing; (3) REG/P-F/AUD. For general honors students only.
0601 **(27294)** Frederiksen, E.
Time and room to be arranged

GERM499 *(PermReq)* **Directed Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GERM618 College Teaching of German; (1) REG.
0101 **(27315)** Pfister, G.
Time and room to be arranged

GERM630 Methods of German Literary Studies II: Practical Application; (3) REG/AUD. *Prerequisite: GERM 620 or permission of instructor.*
0101 **(27325)** Richter, S.
Tu 5:00pm-7:30pm (JMZ 3205)

GERM689B Special Topics - M.A. Level: Ingeborg Bachmann; (3) REG/AUD.
0101 **(27335)** Beicken, P.
W 5:00pm-7:30pm (JMZ 3205)

GERM689O Special Topics - M.A. Level: Early Germanic Religions; (3) REG/AUD.
0101 **(27345)** Oster, R.
M 4:00pm-6:30pm (JMZ 3205)

GERM798 *(PermReq)* **Master's Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
0101: Beicken, Peter 0201: Best, Otto 0301: Bilik, Dorothy 0501: Fleck, Jere 0601: Frederiksen, Elke 0701: Greene-Gantzberg, Vivian 0801: Oster, Rose-Marie 0901: Pfister, Guenter 1001: Richter, Simon 1101: Strauch, Gabriele: 1201 Walker, Richard.

GERM799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

GERM889B Seminar in Germanic Area Studies: Ingeborg Bachmann; (3) REG/AUD.
0101 **(27376)** Beicken, P.
W 5:00pm-7:30pm (JMZ 3205)

GERM898 *(PermReq)* **Doctoral Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GERM899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

GREK Greek
(Arts and Humanities)

GREK101 Elementary Ancient Greek I; (4) REG/P-F/AUD. *A student who has had two units of Greek in high school may register for GREK 101 for purposes of review but not for credit.* Classical and New Testament Greek. For Modern Greek, see FOLA 108G - a regular instruction course meeting 3 times a week.
0101 **(27504)** Stehle, E.
MWF 2:00pm-2:50pm (ARM 0121)
F 1:00pm-1:50pm (MMH 0108)

GREK201 Intermediate Ancient Greek; (4) REG/P-F/AUD. *Prerequisite: GREK 102 or equivalent.*
0101 **(27514)** Doherty, L.
MWF 2:00pm-2:50pm (ARM 0103)
F 1:00pm-1:50pm (ARM 0103)

GREK415 *(PermReq)* **Homer; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(27524)** Doherty, L.
M 5:00pm-7:40pm (MMH 0108)

GREK499 *(PermReq)* **Independent Study in Greek Language and Literature; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GREK688 Special Topics in Greek Literature: Homer; (3) REG/AUD.
0101 **(27539)** Doherty, L.
M 5:00pm-7:40pm (MMH 0108)

GREK699 *(PermReq)* **Independent Study in Greek Literature; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GVPT Government and Politics
(Behavioral and Social Sciences)

GVPT100 Principles of Government and Politics; (3) REG/P-F/AUD. CORE: SB
0101 **(27602)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
Th 1:00pm-1:50pm (HJP 1229) Dis
0102 **(27603)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
Th 2:00pm-2:50pm (MMH 3418) Dis
0103 **(27604)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
Th 3:00pm-3:50pm (ARM 0103) Dis
0104 **(27605)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
Th 4:00pm-4:50pm (JMZ 0208) Dis
0105 **(27606)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
F 9:00am-9:50am (HBK 1112) Dis
0106 **(27607)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
F 10:00am-10:50am (COL 3110) Dis
0107 **(27608)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
F 11:00am-11:50am (WDS 0104) Dis
0108 **(27609)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
F 1:00pm-1:50pm (ASY 3211) Dis
0109 **(27610)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
F 2:00pm-2:50pm (TLF 1103) Dis
0110 **(27611)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
F 3:00pm-3:50pm (TYD 1128) Dis
0111 **(27612)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
F 4:00pm-4:50pm (TYD 1128) Dis

GVPT100+ Principles of Government and Politics; (3) REG/P-F/AUD. CORE: SB Restricted to Students in a College Park Scholars program.
0201 **(27622)** Oppenheimer, J.
TuTh 11:00am-12:15pm (LEF 2205)
Th 1:00pm-1:50pm (ARC 1101) Dis
Restricted to College Park Scholars International Studies and Public Leadership programs.

0202 **(27623)** Oppenheimer, J.
TuTh 11:00am-12:15pm (LEF 2205)
Th 2:00pm-2:50pm (JMZ 1124) Dis
Restricted to College Park Scholars International Studies and Public Leadership programs.

0203 **(27624)** Oppenheimer, J.
TuTh 11:00am-12:15pm (LEF 2205)
Th 3:00pm-3:50pm (JMZ 2122) Dis
Restricted to College Park Scholars International Studies and Public Leadership programs.

0204 **(27625)** Oppenheimer, J.
TuTh 11:00am-12:15pm (LEF 2205)
Th 4:00pm-4:50pm (JMZ 0122) Dis
Restricted to College Park Scholars International Studies and Public Leadership programs.

0205 **(27626)** Oppenheimer, J.
TuTh 11:00am-12:15pm (LEF 2205)
Th 2:00pm-2:50pm (JMZ 1124) Dis

GVPT100H Principles of Government and Politics; (3) REG/P-F/AUD. CORE: SB Limited to prospective general and government honors students.
0101 **(27636)** Elkin, S.
Tu 12:30pm-3:15pm (TYD 1111)
0201 **(27637)** Elkin, S.
Th 12:30pm-3:15pm (TYD 1136)

GVPT170 American Government; (3) REG/P-F/AUD. CORE: SB
0101 **(27647)** Davidson, R.
TuTh 10:00am-10:50am (SKN 0200)
Th 1:00pm-1:50pm (TYD 1128) Dis
0102 **(27648)** Davidson, R.
TuTh 10:00am-10:50am (SKN 0200)
Th 2:00pm-2:50pm (TLF 1103) Dis
0103 **(27649)** Davidson, R.
TuTh 10:00am-10:50am (SKN 0200)
Th 3:00pm-3:50pm (TYD 2110) Dis
0104 **(27650)** Davidson, R.
TuTh 10:00am-10:50am (SKN 0200)
Th 4:00pm-4:50pm (TYD 1114) Dis
0105 **(27651)** Davidson, R.
TuTh 10:00am-10:50am (SKN 0200)
F 10:00am-10:50am (TYD 1102) Dis
0106 **(27652)** Davidson, R.
TuTh 10:00am-10:50am (SKN 0200)
F 11:00am-11:50am (LEF 1222) Dis
0107 **(27653)** Davidson, R.
TuTh 10:00am-10:50am (SKN 0200)
F 1:00pm-1:50pm (TYD 2110) Dis
0108 **(27654)** Davidson, R.
TuTh 10:00am-10:50am (SKN 0200)
F 2:00pm-2:50pm (TYD 2111) Dis
0109 **(27655)** Davidson, R.
TuTh 10:00am-10:50am (SKN 0200)
F 4:00pm-4:50pm (TYD 2110) Dis
0110 **(27656)** Davidson, R.
TuTh 10:00am-10:50am (SKN 0200)
Th 11:00am-11:50am (MMH 3418) Dis
0111 **(27657)** Davidson, R.
TuTh 10:00am-10:50am (SKN 0200)
F 3:00pm-3:50pm (TYD 2110) Dis
0201 **(27658)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 3:00pm-3:50pm (MMH 0108) Dis
0202 **(27659)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 4:00pm-4:50pm (JMZ 2207) Dis
0203 **(27660)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 11:00am-11:50am (LEF 1221) Dis
0204 **(27661)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 10:00am-10:50am (LEF 1201) Dis
0205 **(27662)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
F 10:00am-10:50am (CLB 0102) Dis
0208 **(27665)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
F 10:00am-10:50am (JMP 3104) Dis
0209 **(27666)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 2:00pm-2:50pm (JMZ 0103) Dis
0210 **(27667)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 2:00pm-2:50pm (TYD 1128) Dis
0211 **(27668)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 3:00pm-3:50pm (TWS 0135) Dis

GVPT170+ American Government; (3) REG/P-F/AUD. CORE: SB Restricted to students in a First Year Focus Cluster.
0205 **(27681)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
F 10:00am-10:50am (CLB 0102) Dis
Restricted to students in a First Year Focus Cluster.

0206 **(27678)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
F 11:00am-11:50am (TYD 1102) Dis
0207 **(27679)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
F 9:00am-9:50am (TYD 1101) Dis
0208 **(27680)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
F 10:00am-10:50am (JMP 3104) Dis

GVPT200 *(PermReq)* **International Political Relations; (3)** REG/P-F/AUD. CORE: SB *Prerequisite: GVPT 100. Formerly GVPT 300.*
0101 **(27690)** Conca, K.
MW 10:00am-10:50am (TWS 2154)
Th 2:00pm-2:50pm (TYD 2110) Dis
0102 **(27691)** Conca, K.
MW 10:00am-10:50am (TWS 2154)
Th 3:00pm-3:50pm (TYD 1128) Dis
0103 **(27692)** Conca, K.
MW 10:00am-10:50am (TWS 2154)
Th 4:00pm-4:50pm (TYD 1128) Dis
0104 **(27693)** Conca, K.
MW 10:00am-10:50am (TWS 2154)
F 10:00am-10:50am (KEY 0106) Dis
0105 **(27694)** Conca, K.
MW 10:00am-10:50am (TWS 2154)
F 11:00am-11:50am (TYD 0101) Dis
0106 **(27695)** Conca, K.
MW 10:00am-10:50am (TWS 2154)
F 9:00am-9:50am (ARC 1101) Dis

GVPT221 Introduction to Formal Theories of Political Behavior and Politics; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(27705)** Lalman, D.
TuTh 11:00am-12:15pm (TYD 1101)

GVPT231 Law and Society; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(27715)** Soltan, K.
TuTh 11:00am-11:50am (TWS 2154)
Th 2:00pm-2:50pm (ARM 0119) Dis
0102 **(27716)** Soltan, K.
TuTh 11:00am-11:50am (TWS 2154)
Th 3:00pm-3:50pm (ARM 0119) Dis
0103 **(27717)** Soltan, K.
TuTh 11:00am-11:50am (TWS 2154)
F 9:00am-9:50am (TYD 0111) Dis
0104 **(27718)** Soltan, K.
TuTh 11:00am-11:50am (TWS 2154)
F 10:00am-10:50am (TYD 0102) Dis
0105 **(27719)** Soltan, K.
TuTh 11:00am-11:50am (TWS 2154)
F 11:00am-11:50am (JRN 1105) Dis
0106 **(27720)** Soltan, K.
TuTh 11:00am-11:50am (TWS 2154)
F 1:00pm-1:50pm (TYD 1132) Dis

GVPT241 The Study of Political Philosophy: Ancient and Modern; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.*
0101 **(27730)** Terchek, R.
MW 2:00pm-2:50pm (SHM 2101)
Th 1:00pm-1:50pm (WDS 0104) Dis
0102 **(27731)** Terchek, R.
MW 2:00pm-2:50pm (SHM 2101)
F 1:00pm-1:50pm (TYD 0111) Dis
0103 **(27732)** Terchek, R.
MW 2:00pm-2:50pm (SHM 2101)
F 2:00pm-2:50pm (TYD 1128) Dis
0104 **(27733)** Terchek, R.
MW 2:00pm-2:50pm (SHM 2101)
Th 10:00am-10:50am (JMZ 0103) Dis
0105 **(27734)** Terchek, R.
MW 2:00pm-2:50pm (SHM 2101)
Th 11:00am-11:50am (SKN 1115) Dis
0106 **(27735)** Terchek, R.
MW 2:00pm-2:50pm (SHM 2101)
Th 1:00pm-1:50pm (ARM 0118) Dis

GVPT241H The Study of Political Philosophy: Ancient and Modern; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.* For general honors students only.
0101 **(27745)** Alford, C.
TuTh 12:30pm-1:50pm (TYD 1114)

GVPT250 Introduction to International Negotiation; (3) REG/P-F/AUD. CORE: SB DIVERSITY *Prerequisite: GVPT 100. Recommended: GVPT 200.*
0101 **(27755)** Starkey, B.
TuTh 12:30pm-1:20pm (TYD 0117)
W 2:00pm-2:50pm (VMH 2203) Dis
0102 **(27756)** Starkey, B.
TuTh 12:30pm-1:20pm (TYD 0117)
W 2:00pm-2:50pm (TYD 1128) Dis
0103 **(27757)** Starkey, B.
TuTh 12:30pm-1:20pm (TYD 0117)
W 3:00pm-3:50pm (VMH 2203) Dis
0104 **(27758)** Starkey, B.
TuTh 12:30pm-1:20pm (TYD 0117)
W 3:00pm-3:50pm (TYD 2110) Dis

GVPT260 State and Local Government; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(27768)** Marando, V.
TuTh 8:00am-9:15am (TYD 2106)

GVPT280 Comparative Politics and Governments; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.*
0101 **(27778)** Heisler, M.
TuTh 11:00am-12:15pm (TYD 2106)

GVPT309A Topics in International Relations: Theories of International Relations (Advanced); (3) REG/P-F/AUD.
0101 **(27788)** Phillips, W.
Tu 10:00am-1:00pm (TYD 1128)

GVPT339A Topics in Public Law: First Amendment Law and Politics; (3) REG/P-F/AUD.
0101 **(27798)** McIntosh, W.
TuTh 9:30am-10:45am (TYD 2106)

GVPT341 Political Morality and Political Action; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.*
0101 **(27808)** Glass, J.
MW 2:00pm-3:15pm (TYD 0102)

GVPT349A Topics in Political Philosophy: The Democratic Tradition; (3) REG/P-F/AUD.
0101 **(27818)** Conte, T.
TuTh 2:00pm-3:15pm (LEF 2208)

GVPT376A *(PermReq)* **Applied Field Research in Government and Politics; (3-6)** S-F. *Prerequisite: GVPT 170. Corequisite: GVPT 377.*
0101 **(27828)** Herrnson, P.
Time and room to be arranged Lab

GVPT376C *(PermReq)* **Applied Field Research in Government and Politics; (3-6)** S-F. *Prerequisite: GVPT 170. Corequisite: GVPT 377.*
0101 **(27838)** Vietri, L.
Time and room to be arranged Lab

GVPT377A *(PermReq)* **Seminar For Academic Interns; (3)** REG/P-F/AUD. *Prerequisite: GVPT 170. Corequisite: GVPT 376.* Limited to Capitol Hill interns.
0101 **(27848)** Herrnson, P.
M 3:30pm-6:45pm (Arranged)

GVPT377C *(PermReq)* **Seminar For Academic Interns; (3)** REG/P-F/AUD. *Prerequisite: GVPT 170. Corequisite: GVPT 376.*
0101 **(27858)** Vietri, L.
M 6:00pm-9:15pm (TYD 0111)

GVPT386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

GVPT388 *(PermReq)* **Topical Investigations; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of Director of Undergraduate Studies required.

GVPT396 *(PermReq)* **Introduction to Honors Research; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to and permission of GVPT Honors Program.*

GVPT397 *(PermReq)* **Honors Research; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: GVPT 396 and admission to GVPT honors program.*

GVPT402 International Law; (3) REG/P-F/AUD. *Prerequisite: GVPT 200.*
0101 **(28093)** Piper, D.
MWF 10:00am-10:50am (TYD 2110)

GVPT403 Law, Morality and War; (3) REG/P-F/AUD. *Prerequisite: GVPT 200.*
0101 **(28103)** Piper, D.
MWF 11:00am-11:50am (TYD 1101)

GVPT407 International Political Economy; (3) REG/P-F/AUD. *Prerequisite: GVPT 200.*
0101 **(28113)** Haufler, V.
TuTh 11:00am-12:15pm (SKN 0104)

GVPT409A Seminar in International Relations and World Politics: Workshop on Conflict and Peace Analysis; (3) REG/P-F/AUD.
0101 **(28123)** Davies, J.
M 2:00pm-5:15pm (TYD 1101)
Time and room to be arranged Lab

GVPT409B Seminar in International Relations and World Politics: Developments in Post-Communist World; (3) REG/P-F/AUD.
0101 **(28133)** Kaminski, B.
TuTh 2:00pm-3:15pm (TYD 1108)

GVPT431 Introduction to Constitutional Law; (3) REG/P-F/AUD. *Prerequisite: GVPT 231.*
0101 **(28143)** Graber, M.
TuTh 11:00am-12:15pm (COL 3109)

GVPT436 The Legal Status of Women; (3) REG/P-F/AUD. *Prerequisite: GVPT 231. Also offered as WMST 436. Credit will be granted for only one of the following: GVPT 436 or WMST 436.*
0101 **(28153)** Feinstein, H.
M 2:00pm-4:45pm (TYD 1114)

GVPT441 History of Political Theory: Ancient and Medieval; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.*
0101 **(28163)** Timko, J.
TuTh 12:30pm-1:45pm (TYD 2109)

GVPT449A Seminar in Political Philosophy: Ghandi; (3) REG/P-F/AUD.
0101 **(28173)** Terchek, R.
MW 3:30pm-4:45pm (TYD 1128)

GVPT457 American Foreign Relations; (3) REG/P-F/AUD. *Prerequisite: GVPT 200.*
0101 **(28183)** Quester, G.
TuTh 9:30am-10:45am (TYD 2111)

GVPT459H Seminar in Comparative Politics: Honors Seminar on Ethnic; (3) REG/P-F/AUD. For general honors students only.
0101 **(28193)** Gurr, T.
Th 2:00pm-4:45pm (TWS 0147)

GVPT473 Legislatures and Legislation; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(28203)** Cook, E.
MWF 11:00am-11:50am (LEF 1221)

GVPT475 The Presidency and the Executive Branch; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(28204)** Davidson, R.
TuTh 2:00pm-3:15pm (SQH 1117)

GVPT479A Problems of American Public Policy: The Politics of the Vietnam War; (3) REG/P-F/AUD.
0101 **(28213)** Vietri, L.
W 2:00pm-5:00pm (HBK 4205)

GVPT479B Seminar in American Politics: The Changing American City; (3) REG/P-F/AUD.
0101 **(28223)** Stone, C.
TuTh 9:30am-10:45am (TYD 1102)

GVPT481 Government and Administration of Russia and the States of the Former Soviet Union; (3) REG/P-F/AUD. *Prerequisite: GVPT 280 or GVPT 282.*
0101 **(28233)** Dawisha, K.
TuTh 9:30am-10:45am (TYD 1132)

GVPT484 Government and Politics of Africa; (3) REG/P-F/AUD. *Prerequisite: GVPT 280 or GVPT 282.*
0101 **(28253)** Wilson, E.
TuTh 2:00pm-3:15pm (TYD 0102)

GVPT486 Comparative Studies in European Politics; (3) REG/P-F/AUD. *Prerequisite: GVPT 280 or GVPT 282.*
0101 **(28263)** Heisler, M.
Tu 3:30pm-6:15pm (TYD 0111)

GVPT492 The Comparative Politics of Race Relations; (3) REG/P-F/AUD. *Prerequisite: GVPT 280 or GVPT 282.*
0101 **(28273)** Johnson, O.
TuTh 2:00pm-3:15pm (ARM 0112)

GVPT622 Quantitative Methods For Political Science; (3) REG/AUD.
0101 **(28283)** Swistak, P.
M 12:30pm-3:15pm (TYD 1128)

GVPT700 Scope and Method of Political Science; (3) REG/AUD.
0101 **(28293)** Alford, C.
Tu 6:30pm-9:15pm (TYD 1101)

GVPT708 Seminar in International Relations Theory; (3) REG/AUD.
0101 **(28303)** Phillips, W.
Tu 3:30pm-6:15pm (TYD 1128)

GVPT730 Methods of Formal Political Theory; (3) REG/AUD.
0101 **(28313)** Swistak, P.
W 12:30pm-3:15pm (SYM 0200)

GVPT741 Political Theory; (3) REG/AUD.
0101 **(28323)** Glass, J.
W 6:30pm-9:15pm (TYD 1108)

GVPT780 Seminar in the Comparative Study of Politics; (3) REG/AUD.
0101 **(28333)** Johnson, O.
Tu 6:30pm-9:15pm (TYD 0111)

GVPT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

GVPT805 Theories of International Conflict; (3) REG/AUD. *Recommended: GVPT 108.*
0101 **(28382)** Lalman, D.
Tu 3:30pm-6:15pm (TYD 2108)

GVPT808 Selected Topics in Functional Problems in International Relations: Third World in World Politics; (3) REG/AUD.
0101 **(28392)** Conca, K.
Th 12:30pm-3:15pm (HBK 0103)

GVPT808F Selected Topics in Functional Problems in International Relations: Workshop on Conflict and Peace Analysis; (3) REG/AUD. Lab time is required.
0101 **(28402)** Davies, J.
M 4:00pm-6:45pm (Arranged)

GVPT828A Selected Problems in Political Behavior: State and Market; (3) REG/AUD.
0101 **(28412)** Haufler, V.
W 3:30pm-6:15pm (TYD 1102)

GVPT828B Selected Problems in Political Behavior: Sectionalism in American Political Development; (3) REG/AUD.
0101 **(28422)** Gimpel, J.
W 3:30pm-6:15pm (TYD 2108)

GVPT831 Formal Theories of Politics I; (3) REG/AUD.
0101 **(28432)** Soltan, K.
W 7:00pm-9:45pm (TYD 1114)

GVPT847 Seminar in Non-Western Political Theory; (3) REG/AUD.
0101 **(28452)** Butterworth, C.
Th 3:30pm-6:15pm (TYD 1136)

GVPT866 Political Economy of Transition to Market-Based Democracy; (3) REG/AUD. *Recommended: GVPT 160, GVPT 161.*
0101 **(28473)** Kaminski, B.
Tu 6:30pm-9:15pm (TYD 1128)

GVPT868A Problems of State and Local Government; (3) REG/AUD.
0101 **(28483)** Marando, V.
Tu 3:30pm-6:15pm (TYD 0102)

GVPT869 Seminar in Urban Administration: Urban Political Economy; (3) REG/AUD.
0101 **(28493)** Stone, C.
Tu 6:30pm-9:15pm (TYD 1136)

GVPT874 Seminar in Political Parties and Politics; (3) REG/AUD.
0101 **(28503)** Herrnson, P.
W 3:30pm-6:15pm (TYD 1132)

GVPT876 Seminar in National Security Policy; (3) REG/AUD.
0101 **(28513)** Quester, G.
Tu 12:30pm-3:15pm (MTH 0301)

GVPT877 The Politics of the Presidency; (3) REG/AUD. *Recommended: GVPT 170.*
0101 **(28523)** Davidson, R.
Tu 3:30pm-6:15pm (TYD 1136)

GVPT878A Problems in American Government and Politics: Constitutional Politics; (3) REG/AUD.
0101 **(28533)** Graber, M.
Tu 12:30pm-3:15pm (WDS 1131)

GVPT881 Comparative Governmental Institutions: States of the Former Soviet Union; (3) REG/AUD.
0101 **(28553)** Dawisha, K.
Th 12:30pm-3:15pm (ARC 1121)

GVPT886 Comparative Governmental Institutions: Europe; (3) REG/AUD.
0101 **(28563)** Heisler, M.
Tu 3:30pm-6:15pm (TYD 0111)

GVPT888A Selected Topics in Comparative Governmental Institutions: Qualitative Research Methods; (3) REG/AUD.
0101 **(28573)** Schreurs, M.
Th 6:30pm-9:15pm (TYD 1128)

GVPT888B Selected Topics in Comparative Governmental Institutions: Comparative Environmental Law and Politics; (3) REG/AUD.
0101 **(28583)** Schreurs, M.
Tu 12:30pm-3:15pm (JMZ 1103)

GVPT888C Selected Topics in Comparative Governmental Institutions: Comparative Political Economy; (3) REG/AUD.
0101 **(28593)** Wilson, E.
Th 3:30pm-6:15pm (TYD 1132)

GVPT888D Selected Topics in Comparative Governmental Institutions: Comparative Analysis of Ethnopolitical Conflict; (3) REG/AUD.
0101 **(28594)** Gurr, T.
M 3:30pm-6:15pm (TYD 1132)

GVPT898 *(PermReq)* **Readings in Government and Politics; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GVPT899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

HEBR Hebrew
(Arts and Humanities)

Students who have no knowledge of Hebrew should register for HEBR 111. Students who have studied Hebrew elsewhere are required to consult N. Levy.

HEBR111 Elementary Hebrew I; (6) REG/P-F/AUD. For beginners. This course meets six hours per week for 6 credits.
0101 **(28728)** Fradkin, R.
MWF 9:00am-10:50am (JMZ 1224)
0201 **(28729)** STAFF
MWF 11:00am-12:50pm (JMZ 1224)
0301 **(28730)** STAFF
MWF 9:00am-10:50am (JMZ 1226)
0401 **(28731)** Levy, N.
MWF 11:00am-12:50pm (JMZ 1226)

HEBR211 Intermediate Hebrew I; (6) REG/P-F/AUD. *Prerequisite: HEBR 112 or equivalent.* Individual testing required for placement first week of class.
0101 **(28741)** Fradkin, R.
MWF 11:00am-12:50pm (JMZ 1124)

HEBR313 Conversation and Composition I; (3) REG/P-F/AUD. *Prerequisite: HEBR 212 or equivalent.*
0101 **(28751)** Levy, N.
MW 9:00am-10:15am (JMZ 2102)

HEBR381 Advanced Conversation and Composition; (3) REG/P-F/AUD. *Prerequisite: HEBR 314 or permission of department.*
0101 **(28761)** Levy, N.
MW 1:00pm-2:15pm (JMZ 1123)

HEBR4981 *(PermReq)* **Special Topics in Hebrew; (3)** REG.
0101 **(28771)** Levy, N.
Time and room to be arranged

HESP Hearing and Speech Sciences
(Behavioral and Social Sciences)

HESP120 Introduction to Linguistics; (3) REG/P-F/AUD. CORE: SB
0101 **(28821)** Arnold, M.
TuTh 8:00am-9:15am (LEF 1201)

HESP202 Introduction to Hearing and Speech Sciences; (3) REG/P-F/AUD. Hearing and speech majors and non-majors.
0101 **(28831)** Mele-Mccarthy, J.
MWF 9:00am-9:50am (LEF 2205)

HESP300 Introduction to Psycholinguistics; (3) REG/P-F/AUD. *Prerequisite: HESP 202.*
0101 **(28841)** Haarmann, H.
TuTh 12:30pm-1:45pm (LEF 2205)

HESP305 Anatomy and Physiology of the Speech Mechanism; (3) REG/P-F/AUD. *Prerequisite: HESP 202.* Course chairman: McCall, Gerald. Offered fall only.
0101 **(28851)** McCall, G.
MWF 10:00am-10:50am (CHM 0119)

HESP311 Anatomy, Pathology and Physiology of the Auditory System; (3) REG/P-F/AUD. *Prerequisite: HESP 202.*
0101 **(28861)** STAFF
TuTh 3:30pm-4:45pm (JMZ 2206)

HESP386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

HESP400 Speech and Language Development in Children; (3) REG/P-F/AUD. *Prerequisite: HESP 300.*
0101 **(28883)** Roth, F.
TuTh 9:30am-10:45am (LEF 2208)

HESP403 Introduction to Phonetic Science; (3) REG/P-F/AUD. *Prerequisite: HESP 305.*
0101 **(28893)** Mele-Mccarthy, J.
MW 3:00pm-4:15pm (MMH 0108)

HESP407 Bases of Hearing Science; (3) REG/P-F/AUD. *Prerequisite: HESP 311.*
0101 **(28903)** Carr-Kraft, L.
Tu 5:15pm-7:45pm (LEF 2205)

HESP411 Introduction to Audiology; (3) REG/P-F/AUD. *Prerequisite: HESP 311.*
0101 **(28913)** Balfour, P.
TuTh 2:00pm-3:15pm (JRN 1105)

HESP417 Principles and Methods in Speech-Language Pathology and Audiology; (3) REG/P-F/AUD. *Prerequisite: HESP 402, HESP 411.* Course is team taught by E.Brigham and K. Hart-Litz. Offered fall only.
0101 **(28923)** Troia, G.
MF 1:00pm-1:50pm (LEF 2208)
W 12:00pm-1:50pm (LEF 2208) Lab

HESP499 *(PermReq)* **Independent Study: Topics in the Hearing and Speech Sciences; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

HESP600 *(PermReq)* **Instrumentation in Hearing and Speech Sciences; (3)** REG/AUD. *Prerequisite: permission of department.* Offered fall only.
0101 **(28944)** Fitzgibbons, P.
Th 3:30pm-6:00pm (LEF 0104A)

HESP604 *(PermReq)* **Acoustical and Perceptual Phonetics; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(28954)** Yeni-Komshian, G.
Tu 3:30pm-6:00pm (ARC 1121)

HESP606 Basic Hearing Measurements; (3) REG/AUD. *Prerequisite: HESP 411 or equivalent.* Offered fall only.
0101 **(28964)** Gordon-Salant, S.
F 1:00pm-3:30pm (LEF 1221)

HESP610 Aphasia; (3) REG/AUD. Offered fall only.
0101 **(28974)** Haarmann, H.
M 3:30pm-6:00pm (LEF 1220)

HESP612 *(PermReq)* **Fluency Disorders; (3)** REG/AUD. *Prerequisite: permission of department.* Offered fall only.
0101 **(28984)** Ratner, N.
Tu 1:00pm-3:30pm (ZOP 1234)

HESP614 *(PermReq)* **Orofacial Anomalies; (3)** REG/AUD. *Prerequisite: permission of department.* Offered fall only.
0101 **(28994)** McCall, G.
M 1:00pm-3:30pm (COL 3112)

HESP616 Language Disorders in Children; (3) REG/AUD. *Prerequisite: HESP 400 or equivalent or permission of department.* Offered fall only.
0101 **(29004)** Roth, F.
Th 1:00pm-3:30pm (WDS 1131)

HESP630 Electrophysiological Measurements; (3) REG/AUD. *Prerequisite: HESP 606 or permission of department.* Offered fall only.
0101 **(29014)** Balfour, P.
Th 3:30pm-6:00pm (LEF 0104A)

HESP638 *(PermReq)* **Research Practicum; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HESP648A *(PermReq)* **Clinical Practice in Speech: Diagnostic Procedures; (1)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Roth. Majors only.

HESP648B *(PermReq)* **Clinical Practice in Speech: Therapeutic Procedures; (1-2)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Roth. Majors only.

HESP649A *(PermReq)* **Clinical Practice in Audiology: Diagnostic Audiology; (1-2)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only.

HESP649B *(PermReq)* **Clinical Practice in Audiology: Aural Rehabilitation; (1-2)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only.

HESP702 Diagnostic Procedures in Speech-Language Pathology; (3) REG/AUD. Offered fall only.
0101 **(29043)** Worthington, C.
Th 9:30am-12:00pm (EDU 3315)

HESP706 Advanced Clinical Audiology; (3) REG/AUD. *Prerequisite: HESP 606 or equivalent.* Offered fall only.
0101 **(29053)** Brewer, C.
W 3:30pm-6:00pm (LEF 0104A)

HESP708 *(PermReq)* **Independent Study; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HESP728 *(PermReq)* **Advanced Clinical Practice in Speech: Advanced Graduate Laboratory Practicum in Speech-Language Pathology; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Ratner. Majors only.

HESP729 *(PermReq)* **Advanced Clinical Practice in Audiology: Advanced Graduate Laboratory Practicum in Audiology; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only.

HESP799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

HESP858 Seminar in Speech Pathology; (3) REG.
0101 **(29077)** Ratner, N.
W 12:00pm-2:30pm (LEF 0104A)

HESP899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

HISP Historic Preservation
(Architecture)

HISP600 Seminar in Historic Preservation; (3) REG/AUD.
0101 **(29142)** Fogle, D.
Tu 7:00pm-9:40pm (ARC 1213)
Time and room to be arranged Dis

HISP619 Special Topics in Historic Preservation; (3) REG/AUD.
0101 **(29152)** Flack, J.
Time and room to be arranged

HISP619C Special Topics in Historic Preservation: Historic Preservation Law, Advocacy, and Public Policy; (3) REG/AUD.
0101 **(29154)** Mayes, T.
Th 7:00pm-9:40pm (ARC 1103)

HISP700 Final Seminar in Historic Preservation; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HIST History
(Arts and Humanities)

HIST106 American Jewish Experience; (3) REG/P-F/AUD. CORE: SH *Also offered as JWST 141. Credit will be granted for only one of the following: HIST 106 or JWST 141.*
0101 **(29212)** Strauss, L.
MW 2:00pm-3:15pm (KEY 0116)

HIST110 The Ancient World; (3) REG/P-F/AUD. CORE: HO *Formerly HIST 130.*
0101 **(29222)** Eckstein, A.
TuTh 10:00am-10:50am (ARM 0131)
M 9:00am-9:50am (ARC 1121) Dis
0102 **(29223)** Eckstein, A.
TuTh 10:00am-10:50am (ARM 0131)
M 10:00am-10:50am (ARC 1121) Dis
0103 **(29224)** Eckstein, A.
TuTh 10:00am-10:50am (ARM 0131)
W 9:00am-9:50am (ARC 1103) Dis
0104 **(29225)** Eckstein, A.
TuTh 10:00am-10:50am (ARM 0131)
Th 9:00am-9:50am (ARM 0108) Dis
0105 **(29226)** Eckstein, A.
TuTh 10:00am-10:50am (ARM 0131)
Th 1:00pm-1:50pm (COL 3112) Dis
0106 **(29227)** Eckstein, A.
TuTh 10:00am-10:50am (ARM 0131)
Th 2:00pm-2:50pm (ARM 0120) Dis
0107 **(29228)** Eckstein, A.
TuTh 10:00am-10:50am (ARM 0131)
Tu 1:00pm-1:50pm (ARM 0118) Dis
0108 **(29229)** Eckstein, A.
TuTh 10:00am-10:50am (ARM 0131)
Tu 2:00pm-2:50pm (JMP 1109) Dis
0109 **(29230)** Eckstein, A.
TuTh 10:00am-10:50am (ARM 0131)
M 10:00am-10:50am (ARC 1125) Dis
0110 **(29231)** Eckstein, A.
TuTh 10:00am-10:50am (ARM 0131)
M 1:00pm-1:50pm (ARC 1125) Dis
0111 **(29232)** Eckstein, A.
TuTh 10:00am-10:50am (ARM 0131)
W 10:00am-10:50am (ARC 1103) Dis
0112 **(29233)** Eckstein, A.
TuTh 10:00am-10:50am (ARM 0131)
W 11:00am-11:50am (ARC 1103) Dis

HIST111 The Medieval World; (3) REG/P-F/AUD. CORE: SH
Formerly HIST 131.
0101 **(29243)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2101)
M 10:00am-10:50am (ARC 1123) Dis
0102 **(29244)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2101)
M 11:00am-11:50am (TWS 0131) Dis
0103 **(29245)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2101)
W 9:00am-9:50am (ARC 1121) Dis
0104 **(29246)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2101)
W 10:00am-10:50am (MMH 3418) Dis
0105 **(29247)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2101)
Tu 9:00am-9:50am (MMH 0108) Dis
0106 **(29248)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2101)
Tu 10:00am-10:50am (MMH 0108) Dis
0107 **(29249)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2101)
Th 9:00am-9:50am (HJP 2242) Dis
0108 **(29250)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2101)
Th 10:00am-10:50am (MMH 0108) Dis

HIST111H The Medieval World; (3) REG/P-F/AUD. CORE: SH
Formerly HIST 131. For general honors students only.
0101 **(29260)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2101)
Th 2:30pm-3:30pm (KEY 0124) Dis

HIST113 Modern Europe: 1789 - Present; (3) REG/P-F/AUD. CORE: SH *Formerly HIST 133.*
0101 **(29270)** Wetzell, R.
MW 2:00pm-2:50pm (KEY 0106)
M 9:00am-9:50am (KEY 0117) Dis
0102 **(29271)** Wetzell, R.
MW 2:00pm-2:50pm (KEY 0106)
M 10:00am-10:50am (MMH 0108) Dis
0103 **(29272)** Wetzell, R.
MW 2:00pm-2:50pm (KEY 0106)
Tu 9:00am-9:50am (ARC 1105) Dis
0104 **(29273)** Wetzell, R.
MW 2:00pm-2:50pm (KEY 0106)
Tu 12:00pm-12:50pm (JMZ 0120) Dis
0105 **(29274)** Wetzell, R.
MW 2:00pm-2:50pm (KEY 0106)
W 9:00am-9:50am (JMZ 3205) Dis
0106 **(29275)** Wetzell, R.
MW 2:00pm-2:50pm (KEY 0106)
W 1:00pm-1:50pm (WDS 1131) Dis
0107 **(29276)** Wetzell, R.
MW 2:00pm-2:50pm (KEY 0106)
Th 9:00am-9:50am (JMP 2202) Dis
0108 **(29277)** Wetzell, R.
MW 2:00pm-2:50pm (KEY 0106)
Th 10:00am-10:50am (TYD 1128) Dis

HIST120 Islamic Civilization; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Formerly HIST 280.*
0101 **(29287)** Zilfi, M.
TuTh 9:30am-10:45am (KEY 0102)

HIST122 African Civilization to 1800; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Formerly HIST 290.*
0101 **(29297)** Bravman, W.
MW 1:00pm-1:50pm (SHM 2101)
M 9:00am-9:50am (KEY 0116) Dis
0102 **(29298)** Bravman, W.
MW 1:00pm-1:50pm (SHM 2101)
M 12:00pm-12:50pm (KEY 0124) Dis
0103 **(29299)** Bravman, W.
MW 1:00pm-1:50pm (SHM 2101)
W 9:00am-9:50am (KEY 0117) Dis
0104 **(29300)** Bravman, W.
MW 1:00pm-1:50pm (SHM 2101)
W 10:00am-10:50am (JRN 1104) Dis
0105 **(29301)** Bravman, W.
MW 1:00pm-1:50pm (SHM 2101)
M 9:00am-9:50am (ARC 1125) Dis
0106 **(29302)** Bravman, W.
MW 1:00pm-1:50pm (SHM 2101)
M 12:00pm-12:50pm (EGR 3114) Dis
0107 **(29303)** Bravman, W.
MW 1:00pm-1:50pm (SHM 2101)
W 9:00am-9:50am (HJP 1229) Dis
0108 **(29304)** Bravman, W.
MW 1:00pm-1:50pm (SHM 2101)
W 10:00am-10:50am (ARC 1125) Dis

HIST156 History of the United States to 1865; (3) REG/P-F/AUD. CORE: SH
0101 **(29314)** Berlin, I.
TuTh 11:00am-11:50am (KEY 0106)
M 10:00am-10:50am (EGR 2112) Dis
0102 **(29315)** Berlin, I.
TuTh 11:00am-11:50am (KEY 0106)
M 12:00pm-12:50pm (KEY 0126) Dis
0104 **(29316)** Berlin, I.
TuTh 11:00am-11:50am (KEY 0106)
Tu 12:00pm-12:50pm (COL 3114) Dis
0105 **(29317)** Berlin, I.
TuTh 11:00am-11:50am (KEY 0106)
Tu 2:00pm-2:50pm (ARC 1121) Dis
0106 **(29318)** Berlin, I.
TuTh 11:00am-11:50am (KEY 0106)
W 2:00pm-2:50pm (TYD 0111) Dis
0107 **(29319)** Berlin, I.
TuTh 11:00am-11:50am (KEY 0106)
Th 9:00am-9:50am (JMZ 2207) Dis
0108 **(29320)** Berlin, I.
TuTh 11:00am-11:50am (KEY 0106)
Th 1:00pm-1:50pm (JMZ 0120) Dis
0109 **(29321)** Berlin, I.
TuTh 11:00am-11:50am (KEY 0106)
Tu 9:00am-9:50am (ARC 1121) Dis
0110 **(29322)** Berlin, I.
TuTh 11:00am-11:50am (KEY 0106)
Tu 1:00pm-1:50pm (ARC 1103) Dis
0111 **(29323)** Berlin, I.
TuTh 11:00am-11:50am (KEY 0106)
W 1:00pm-1:50pm (KEY 0117) Dis
0112 **(29324)** Berlin, I.
TuTh 11:00am-11:50am (KEY 0106)
Th 2:00pm-2:50pm (SYM 1308) Dis
0201 **(29325)** Olson, A.
MW 12:00pm-12:50pm (KEY 0106)
M 11:00am-11:50am (TLF 1101) Dis
0202 **(29326)** Olson, A.
MW 12:00pm-12:50pm (KEY 0106)
M 1:00pm-1:50pm (WDS 1127) Dis
0203 **(29327)** Olson, A.
MW 12:00pm-12:50pm (KEY 0106)
Tu 9:00am-9:50am (JMZ 2117) Dis
0204 **(29328)** Olson, A.
MW 12:00pm-12:50pm (KEY 0106)
Tu 11:00am-11:50am (COL 3111) Dis
0205 **(29329)** Olson, A.
MW 12:00pm-12:50pm (KEY 0106)
W 9:00am-9:50am (ARM 0118) Dis
0206 **(29330)** Olson, A.
MW 12:00pm-12:50pm (KEY 0106)
W 10:00am-10:50am (TLF 2101) Dis
0207 **(29331)** Olson, A.
MW 12:00pm-12:50pm (KEY 0106)
Th 11:00am-11:50am (WDS 1131) Dis
0208 **(29332)** Olson, A.
MW 12:00pm-12:50pm (KEY 0106)
Th 12:00pm-12:50pm (ARM 0118) Dis
0301 **(29333)** Hardwick, K.
MW 11:00am-11:50am (KEY 0106)
M 1:00pm-1:50pm (TWS 2228) Dis
0302 **(29334)** Hardwick, K.
MW 11:00am-11:50am (KEY 0106)
M 2:00pm-2:50pm (KEY 0124) Dis
0303 **(29335)** Hardwick, K.
MW 11:00am-11:50am (KEY 0106)
Tu 11:00am-11:50am (WDS 1131) Dis
0304 **(29336)** Hardwick, K.
MW 11:00am-11:50am (KEY 0106)
W 9:00am-9:50am (ARM 0101) Dis
0306 **(29337)** Hardwick, K.
MW 11:00am-11:50am (KEY 0106)
W 1:00pm-1:50pm (KEY 0124) Dis
0307 **(29338)** Hardwick, K.
MW 11:00am-11:50am (KEY 0106)
Th 1:00pm-1:50pm (JMZ 2120) Dis
0308 **(29339)** Hardwick, K.
MW 11:00am-11:50am (KEY 0106)
Th 2:00pm-2:50pm (JMZ 3120) Dis

HIST156+ History of the United States to 1865; (3) REG/P-F/AUD. CORE: SH Restricted to students in a First Year Focus Cluster.
0103 **(29349)** Berlin, I.
TuTh 11:00am-11:50am (KEY 0106)
M 1:00pm-1:50pm (KEY 0124) Dis
0305 **(29350)** Hardwick, K.
MW 11:00am-11:50am (KEY 0106)
Tu 10:00am-10:50am (JMZ 0103) Dis

HIST157 History of the United States Since 1865; (3) REG/P-F/AUD. CORE: SH
0101 **(29360)** Sicilia, D.
MW 10:00am-10:50am (KEY 0106)
M 9:00am-9:50am (TLF 1103) Dis
0102 **(29361)** Sicilia, D.
MW 10:00am-10:50am (KEY 0106)
M 12:00pm-12:50pm (KEY 0121) Dis
0103 **(29362)** Sicilia, D.
MW 10:00am-10:50am (KEY 0106)
M 2:00pm-2:50pm (TYD 2106) Dis
0104 **(29363)** Sicilia, D.
MW 10:00am-10:50am (KEY 0106)
Tu 11:00am-11:50am (HJP 1229) Dis
0105 **(29364)** Sicilia, D.
MW 10:00am-10:50am (KEY 0106)
Tu 3:00pm-3:50pm (JMZ 0208) Dis
0106 **(29365)** Sicilia, D.
MW 10:00am-10:50am (KEY 0106)
W 9:00am-9:50am (KEY 0116) Dis
0107 **(29366)** Sicilia, D.
MW 10:00am-10:50am (KEY 0106)
W 2:00pm-2:50pm (KEY 0121) Dis
0108 **(29367)** Sicilia, D.
MW 10:00am-10:50am (KEY 0106)
W 3:00pm-3:50pm (JMZ 1226) Dis
0109 **(29368)** Sicilia, D.
MW 10:00am-10:50am (KEY 0106)
Th 9:00am-9:50am (SYM 1308) Dis
0110 **(29369)** Sicilia, D.
MW 10:00am-10:50am (KEY 0106)
Th 11:00am-11:50am (JMZ 1224) Dis
0111 **(29370)** Sicilia, D.
MW 10:00am-10:50am (KEY 0106)
Th 1:00pm-1:50pm (JMZ 0125) Dis
0112 **(29371)** Sicilia, D.
MW 10:00am-10:50am (KEY 0106)
Th 2:00pm-2:50pm (ARM 0118) Dis
0201 **(29372)** Hughes, M.
TuTh 2:00pm-2:50pm (KEY 0106)
M 10:00am-10:50am (JRN 1104) Dis
0202 **(29373)** Hughes, M.
TuTh 2:00pm-2:50pm (KEY 0106)
M 11:00am-11:50am (ARM 0101) Dis
0203 **(29374)** Hughes, M.
TuTh 2:00pm-2:50pm (KEY 0106)
M 2:00pm-2:50pm (JMZ 0118) Dis
0204 **(29375)** Hughes, M.
TuTh 2:00pm-2:50pm (KEY 0106)
Tu 1:00pm-1:50pm (TYD 1128) Dis
0205 **(29376)** Hughes, M.
TuTh 2:00pm-2:50pm (KEY 0106)
Tu 3:00pm-3:50pm (ARM 0120) Dis
0206 **(29377)** Hughes, M.
TuTh 2:00pm-2:50pm (KEY 0106)
W 9:00am-9:50am (JMZ 1120) Dis
0207 **(29378)** Hughes, M.
TuTh 2:00pm-2:50pm (KEY 0106)
W 10:00am-10:50am (ASY 3217) Dis
0208 **(29379)** Hughes, M.
TuTh 2:00pm-2:50pm (KEY 0106)
Th 1:00pm-1:50pm (JMZ 1103) Dis
0209 **(29380)** Hughes, M.
TuTh 2:00pm-2:50pm (KEY 0106)
Tu 9:00am-9:50am (ARC 1103) Dis
0210 **(29381)** Hughes, M.
TuTh 2:00pm-2:50pm (KEY 0106)
Tu 10:00am-10:50am (SYM 1308) Dis
0211 **(29382)** Hughes, M.
TuTh 2:00pm-2:50pm (KEY 0106)
Th 9:00am-9:50am (ARC 1121) Dis
0212 **(29383)** Hughes, M.
TuTh 2:00pm-2:50pm (KEY 0106)
Th 10:00am-10:50am (ARC 1103) Dis
0301 **(29384)** Olson, K.
TuTh 1:00pm-1:50pm (KEY 0106)
M 10:00am-10:50am (TWS 2228) Dis
0302 **(29385)** Olson, K.
TuTh 1:00pm-1:50pm (KEY 0106)
M 11:00am-11:50am (ARC 1123) Dis
0303 **(29386)** Olson, K.
TuTh 1:00pm-1:50pm (KEY 0106)
M 2:00pm-2:50pm (KEY 0120) Dis
0304 **(29387)** Olson, K.
TuTh 1:00pm-1:50pm (KEY 0106)
M 3:00pm-3:50pm (KEY 0120) Dis
0305 **(29388)** Olson, K.
TuTh 1:00pm-1:50pm (KEY 0106)
Tu 12:00pm-12:50pm (EGR 3102) Dis
0306 **(29389)** Olson, K.
TuTh 1:00pm-1:50pm (KEY 0106)
Tu 2:00pm-2:50pm (KEY 0124) Dis
0307 **(29390)** Olson, K.
TuTh 1:00pm-1:50pm (KEY 0106)
W 9:00am-9:50am (COL 3112) Dis
0308 **(29391)** Olson, K.
TuTh 1:00pm-1:50pm (KEY 0106)
W 10:00am-10:50am (CHE 2120) Dis
0309 **(29392)** Olson, K.
TuTh 1:00pm-1:50pm (KEY 0106)
W 2:00pm-2:50pm (JMZ 3120) Dis
0310 **(29393)** Olson, K.
TuTh 1:00pm-1:50pm (KEY 0106)
Th 9:00am-9:50am (CHE 2118) Dis
0311 **(29394)** Olson, K.
TuTh 1:00pm-1:50pm (KEY 0106)
Th 10:00am-10:50am (COL 3114) Dis
0312 **(29395)** Olson, K.
TuTh 1:00pm-1:50pm (KEY 0106)
Th 11:00am-11:50am (JMZ 2123) Dis
0401 **(29396)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
M 9:00am-9:50am (ARC 1123) Dis
0402 **(29397)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
M 11:00am-11:50am (ARM 0121) Dis
0403 **(29398)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
M 2:00pm-2:50pm (KEY 0121) Dis
0404 **(29399)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
Tu 9:00am-9:50am (JMZ 0125) Dis
0405 **(29400)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
Tu 11:00am-11:50am (ARC 1103) Dis
0406 **(29401)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
W 9:00am-9:50am (JMZ 0120) Dis
0407 **(29402)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
W 10:00am-10:50am (TWS 2228) Dis
0408 **(29403)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
W 2:00pm-2:50pm (JMZ 1224) Dis
0409 **(29404)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
Th 9:00am-9:50am (ZOP 1124) Dis
0410 **(29405)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
Th 10:00am-10:50am (JMZ 0125) Dis
0411 **(29406)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
Th 12:00pm-12:50pm (JMZ 2125) Dis
0412 **(29407)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
Th 1:00pm-1:50pm (JMZ 2117) Dis

HIST175 Science and Technology in Western Civilization; (3) REG/P-F/AUD. CORE: SH *Formerly HIST 201.*
0101 **(29417)** Friedel, R.
TuTh 12:00pm-12:50pm (KEY 0106)
Tu 9:00am-9:50am (JMZ 0120) Dis
0102 **(29418)** Friedel, R.
TuTh 12:00pm-12:50pm (KEY 0106)
Tu 10:00am-10:50am (ARC 1103) Dis
0103 **(29419)** Friedel, R.
TuTh 12:00pm-12:50pm (KEY 0106)
Tu 10:00am-10:50am (COL 3114) Dis
0104 **(29420)** Friedel, R.
TuTh 12:00pm-12:50pm (KEY 0106)
Tu 11:00am-11:50am (MMH 3418) Dis
0105 **(29421)** Friedel, R.
TuTh 12:00pm-12:50pm (KEY 0106)
Th 1:00pm-1:50pm (ARC 1125) Dis
0106 **(29422)** Friedel, R.
TuTh 12:00pm-12:50pm (KEY 0106)
Th 1:00pm-1:50pm (JMZ 2125) Dis
0107 **(29423)** Friedel, R.
TuTh 12:00pm-12:50pm (KEY 0106)
Th 2:00pm-2:50pm (JMP 1109) Dis
0108 **(29424)** Friedel, R.
TuTh 12:00pm-12:50pm (KEY 0106)
Th 3:00pm-3:50pm (JMZ 0208) Dis

HIST210 Women in America to 1880; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as WMST 210. Credit will be granted for only one of the following: HIST 210 or WMST 210.*
0101 **(29434)** Lyons, C.
TuTh 11:00am-11:50am (MMH 1400)
M 9:00am-9:50am (JMZ 0120) Dis
0102 **(29435)** Lyons, C.
TuTh 11:00am-11:50am (MMH 1400)
M 10:00am-10:50am (ZOP 1234) Dis
0103 **(29436)** Lyons, C.
TuTh 11:00am-11:50am (MMH 1400)
M 12:00pm-12:50pm (KEY 0120) Dis
0104 **(29437)** Lyons, C.
TuTh 11:00am-11:50am (MMH 1400)
Tu 10:00am-10:50am (ARM 0118) Dis
0105 **(29438)** Lyons, C.
TuTh 11:00am-11:50am (MMH 1400)
Tu 3:00pm-3:50pm (LEF 1221) Dis
0106 **(29439)** Lyons, C.
TuTh 11:00am-11:50am (MMH 1400)
W 9:00am-9:50am (JMZ 0125) Dis
0107 **(29440)** Lyons, C.
TuTh 11:00am-11:50am (MMH 1400)
Th 9:00am-9:50am (ZOP 1238) Dis
0108 **(29441)** Lyons, C.
TuTh 11:00am-11:50am (MMH 1400)
Th 10:00am-10:50am (EGR 0108) Dis

HIST212 Women in Western Europe, 1750-Present; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as WMST 212. Credit will be granted for only one of the following: HIST 212 or WMST 212.*
0101 **(29451)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
M 10:00am-10:50am (ASY 3217) Dis
0102 **(29452)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
M 11:00am-11:50am (COL 3112) Dis
0103 **(29453)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
M 2:00pm-2:50pm (LEF 1221) Dis
0104 **(29454)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
Tu 11:00am-11:50am (LEF 1222) Dis
0105 **(29455)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
Tu 12:00pm-12:50pm (ARM 0118) Dis
0106 **(29456)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
W 9:00am-9:50am (DNC 1139B) Dis
0107 **(29457)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
W 2:00pm-2:50pm (COL 3112) Dis
0108 **(29458)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
Th 3:00pm-3:50pm (JMZ 1124) Dis

HIST219B Special Topics in History: Civilization of Ancient Mesopotamia; (3) REG/P-F/AUD. Also offered as JWST 227.
0101 **(29468)** Cohen, M.
MW 12:30pm-1:45pm (SKN 0104)

HIST219G Special Topics in History: Africa's First Independence; (3) REG/P-F/AUD.
0101 **(29478)** STAFF
TuTh 9:30am-10:45am (KEY 0103)

HIST219I Special Topics in History: The Jew and the City; (3) REG/P-F/AUD. CORE: SH DIVERSITY Also offered as JWST 219D.
0101 **(29488)** Cooperman, B.
MWF 11:00am-11:50am (ZOP 2283)

HIST219J Special Topics in History: Native America in the 20TH Century; (3) REG/P-F/AUD.
0101 **(29498)** Brooks, J.
TuTh 12:00pm-12:50pm (KEY 0102)
M 2:00pm-2:50pm (TLF 1103) Dis
0102 **(29499)** Brooks, J.
TuTh 12:00pm-12:50pm (KEY 0102)
Tu 10:00am-10:50am (EGR 3102) Dis
0103 **(29500)** Brooks, J.
TuTh 12:00pm-12:50pm (KEY 0102)
W 11:00am-11:50am (ARM 0101) Dis
0104 **(29501)** Brooks, J.
TuTh 12:00pm-12:50pm (KEY 0102)
Th 3:00pm-3:50pm (JMZ 2120) Dis

HIST224 Modern Military History, 1494-1815; (3) REG/P-F/AUD.
0101 **(29511)** Sumida, J.
TuTh 11:00am-12:15pm (LEF 1201)
Time and room to be arranged Dis

HIST235 History of Britain 1461 to 1714; (3) REG/P-F/AUD. CORE: SH
0101 **(29521)** Breslow, M.
TuTh 2:00pm-2:50pm (KEY 0102)
Tu 9:00am-9:50am (ASY 3217) Dis
0102 **(29522)** Breslow, M.
TuTh 2:00pm-2:50pm (KEY 0102)
Tu 1:00pm-1:50pm (WDS 0104) Dis
0103 **(29523)** Breslow, M.
TuTh 2:00pm-2:50pm (KEY 0102)
Th 9:00am-9:50am (ARC 1103) Dis
0104 **(29524)** Breslow, M.
TuTh 2:00pm-2:50pm (KEY 0102)
Th 12:00pm-12:50pm (JMZ 0120) Dis

HIST250 Latin American History I; (3) REG/P-F/AUD. CORE: SH DIVERSITY
0101 **(29534)** Palmie, S.
MW 12:00pm-12:50pm (KEY 0102)
M 9:00am-9:50am (HJP 1229) Dis
0102 **(29535)** Palmie, S.
MW 12:00pm-12:50pm (KEY 0102)
M 10:00am-10:50am (LEF 1201) Dis
0103 **(29536)** Palmie, S.
MW 12:00pm-12:50pm (KEY 0102)
W 9:00am-9:50am (ASY 3217) Dis
0104 **(29537)** Palmie, S.
MW 12:00pm-12:50pm (KEY 0102)
W 10:00am-10:50am (LEF 1201) Dis

HIST255 Afro-American History; (3) REG/P-F/AUD. DIVERSITY
0101 **(29547)** Moss, A.
TuTh 11:00am-12:15pm (KEY 0125)

HIST275H Law and Constitutionalism in American History; (3) REG/P-F/AUD. CORE: SH Restricted to Honors Humanities students.
0101 **(29558)** Henretta, J.
MWF 11:00am-11:50am (KEY 1117)

HIST282 History of the Jewish People I; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as JWST 234. Credit will be granted for only one of the following: HIST 282 or JWST 234.*
0101 **(29567)** Lapin, H.
MW 12:00pm-12:50pm (JMZ 0220)
M 10:00am-10:50am (TLF 2101) Dis
0102 **(29568)** Lapin, H.
MW 12:00pm-12:50pm (JMZ 0220)
M 2:00pm-2:50pm (SQH 1123) Dis
0103 **(29569)** Lapin, H.
MW 12:00pm-12:50pm (JMZ 0220)
Tu 12:00pm-12:50pm (ARM 0103) Dis
0104 **(29570)** Lapin, H.
MW 12:00pm-12:50pm (JMZ 0220)
Tu 2:00pm-2:50pm (EGR 0102) Dis
0105 **(29571)** Lapin, H.
MW 12:00pm-12:50pm (JMZ 0220)
W 9:00am-9:50am (HBK 1112) Dis
0106 **(29572)** Lapin, H.
MW 12:00pm-12:50pm (JMZ 0220)
W 2:00pm-2:50pm (JMZ 3203) Dis
0107 **(29573)** Lapin, H.
MW 12:00pm-12:50pm (JMZ 0220)
Th 10:00am-10:50am (EGR 3114) Dis
0108 **(29574)** Lapin, H.
MW 12:00pm-12:50pm (JMZ 0220)
Th 1:00pm-1:50pm (ARC 1103) Dis

HIST284 East Asian Civilization I; (3) REG/P-F/AUD.
0101 **(29584)** Lilley, C.
TuTh 12:30pm-1:45pm (KEY 0126)

HIST306 History of Religion in America; (3) REG/P-F/AUD.
0101 **(29594)** Bradbury, M.
TuTh 2:00pm-3:15pm (KEY 0116)

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

HIST309A Proseminar in Historical Writing: Early American History; (3) REG/P-F/AUD. CORE: CS
0101 **(29604)** Bradbury, M.
Th 10:00am-12:00pm (KEY 1118)
Time and room to be arranged Dis

HIST309B Proseminar in Historical Writing: West African Social History; (3) REG/P-F/AUD. CORE: CS Crosslisted with AASP 398C.
0101 **(29614)** STAFF
Th 2:00pm-4:00pm (KEY 0121)
Time and room to be arranged Dis

HIST309D Proseminar in Historical Writing: The Social History of Urban America; (3) REG/P-F/AUD. CORE: CS
0101 **(29624)** Flack, J.
Tu 10:00am-12:00pm (KEY 1118)
Time and room to be arranged Dis

HIST309G Proseminar in Historical Writing: East Asian History in the 20th Century; (3) REG/P-F/AUD. CORE: CS
0101 **(29625)** Lilley, C.
Tu 10:00am-12:00pm (KEY 0107)
Time and room to be arranged Dis

HIST309I Proseminar in Historical Writing: Twentieth Century U.S. Foreign Relations; (3) REG/P-F/AUD. CORE: CS
0101 **(29634)** Zhang, S.
Th 4:00pm-6:00pm (KEY 0107)
Time and room to be arranged Dis

HIST309W Proseminar in Historical Writing: Nationalism: Yugoslavia as a Case Study; (3) REG/P-F/AUD. CORE: CS
0101 **(29644)** Lampe, J.
Th 4:00pm-6:00pm (KEY 1118)
Time and room to be arranged Dis

HIST309X Proseminar in Historical Writing: U.S. Women and Social Policy; (3) REG/P-F/AUD. CORE: CS
0101 **(29654)** Muncy, R.
Tu 2:00pm-4:00pm (KEY 0107)
Time and room to be arranged Dis

HIST309Y Proseminar in Historical Writing: Topics in Modern British History; (3) REG/P-F/AUD. CORE: CS
0101 **(29664)** Price, R.
Tu 1:00pm-3:00pm (KEY 3111)
Time and room to be arranged Dis

HIST316A Crisis and Change in Latin America: Slavery and Race Relations in Latin America; (3) REG/P-F/AUD. DIVERSITY
0101 **(29674)** Wright, W.
TuTh 9:30am-10:45am (KEY 1117)

HIST319Z Special Topics in History: Women and Society in Middle East; (3) REG/P-F/AUD.
0101 **(29684)** Zilfi, M.
TuTh 2:00pm-3:15pm (KEY 0103)

HIST330 Europe in the Making: The Early Medieval West (A.D. 300-1000); (3) REG/P-F/AUD.
0101 **(29694)** Bedos-Rezak, B.
TuTh 9:30am-10:45am (KEY 0121)

HIST337 Europe in the World Setting of the 20th Century; (3) REG/P-F/AUD.
0101 **(29704)** Lampe, J.
TuTh 2:00pm-3:15pm (KEY 0125)

HIST344 Revolutionary Russia; (3) REG/P-F/AUD.
0101 **(29714)** David-Fox, M.
TuTh 12:30pm-1:45pm (KEY 0103)

HIST351 Social History of Washington, D.C.; (3) REG/P-F/AUD. Students must be available from 10am-1pm on six different Fridays throughout the semester. For further information, contact the instructor.
0101 **(29724)** Flack, J.
MWF 11:00am-11:50am (KEY 0103)

HIST352 America in the Colonial Era, 1600-1763; (3) REG/P-F/AUD.
0101 **(29734)** Lyons, C.
TuTh 12:30pm-1:45pm (TYD 2110)

HIST357 Recent America: 1945-Present; (3) REG/P-F/AUD. *Recommended: HIST 157 or HIST 356. Credit will be granted for only one of the following: HIST 357 or HIST 367.*
0101 **(29744)** Sicilia, D.
MW 2:00pm-3:15pm (KEY 0103)

HIST386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*
0101 **(29754)** Flack, J.
Time and room to be arranged

HIST395 *(PermReq)* **Honors Colloquium I; (3)** REG/P-F/AUD. *Prerequisite: permission of department. For HIST majors only.*
0101 **(29764)** Eckstein, A.
M 10:00am-12:00pm (KEY 2119)
Time and room to be arranged Dis

HIST398 Honors Thesis; (3) REG/P-F/AUD.
0101 **(29774)** Eckstein, A.
Th 2:00pm-3:00pm (KEY 1118)
Time and room to be arranged Dis

HIST406 History of Technology; (3) REG/P-F/AUD. *Not open to students who have completed HIST 407 prior to Fall Semester, 1989.*
0101 **(29784)** Geschwind, C.
TuTh 2:00pm-3:15pm (KEY 1117)

HIST418B Jews and Judaism: Selected Historical Topics: Jews of Spain; (3) REG/P-F/AUD.
0101 **(29794)** Cooperman, B.
MW 2:00pm-3:15pm (KEY 0126)

HIST419C Special Topics in History: U.S. Women's Public Activism; (3) REG/P-F/AUD. Crosslisted with WMST 498D.
0101 **(29804)** Chirhart, A.
TuTh 12:30pm-1:45pm (KEY 0125)

HIST422 Byzantine Empire I; (3) REG/P-F/AUD.
0101 **(29824)** Majeska, G.
MWF 10:00am-10:50am (KEY 1117)

HIST424 Early Russia; (3) REG/P-F/AUD.
0101 **(29834)** Majeska, G.
MW 2:00pm-3:15pm (KEY 1117)

HIST426 Age of Industry: Britain 1760 to 1914; (3) REG/P-F/AUD.
0101 **(29844)** Price, R.
TuTh 11:00am-12:15pm (KEY 0126)

HIST430 Tudor England; (3) REG/P-F/AUD.
0101 **(29854)** Breslow, M.
TuTh 11:00am-12:15pm (KEY 0116)

HIST437 Modern France from Napoleon to DeGaulle; (3) REG/P-F/AUD.
0101 **(29864)** Sutherland, D.
MW 2:00pm-3:15pm (KEY 0125)

HIST445 Twentieth Century European Diplomatic History; (3) REG/P-F/AUD.
0101 **(29874)** Kent, G.
TuTh 9:30am-10:45am (KEY 0126)

HIST453 Diplomatic History of the United States from 1914; (3) REG/P-F/AUD.
0101 **(29884)** Zhang, S.
TuTh 12:30pm-1:45pm (KEY 1117)

HIST454 Constitutional History of the United States: From Colonial Origins to 1860; (3) REG/P-F/AUD.
0101 **(29894)** Belz, H.
TuTh 9:30am-10:45am (KEY 0116)

HIST456 History of American Culture and Ideas to 1865; (3) REG/P-F/AUD.
0101 **(29904)** Grimsted, D.
MWF 12:00pm-12:50pm (KEY 0103)

HIST461 Blacks in American Life: 1865 to Present; (3) REG/P-F/AUD. DIVERSITY
0101 **(29914)** Moss, A.
TuTh 2:00pm-3:15pm (KEY 0126)

HIST462 The United States Civil War; (3) REG/P-F/AUD.
0101 **(29924)** Osher, D.
TuTh 8:00am-9:15am (KEY 0103)

HIST467 History of Maryland; (3) REG/P-F/AUD.
0101 **(29934)** Stiverson, G.
TuTh 7:00pm-8:15pm (KEY 1117)

HIST471 History of Brazil; (3) REG/P-F/AUD.
0101 **(29935)** Nishida, M.
TuTh 12:30pm-1:45pm (TYD 2111)

HIST472 History of the Argentine Republic; (3) REG/P-F/AUD.
0101 **(29944)** Wright, W.
TuTh 12:30pm-1:45pm (KEY 0116)

HIST473 History of the Caribbean; (3) REG/P-F/AUD. DIVERSITY
0101 **(29945)** Palmie, S.
MW 2:00pm-3:15pm (SQH 1117)

HIST499 Independent Study; (1-3) REG/P-F/AUD. Individual Instruction course: contact dept. or instructor to obtain section number.

HIST600 Historiography; (3) REG/AUD.
0101 **(30001)** Belz, H.
Th 3:30pm-6:00pm (KEY 2119)

HIST602 General Seminar: American History; (3) REG/AUD.
0101 **(30011)** Brooks, J.
Th 3:30pm-6:00pm (KEY 3111)
Time and room to be arranged Dis

HIST603 General Seminar: European History; (3) REG/AUD.
0101 **(30021)** Gullickson, G.
Tu 1:00pm-3:30pm (KEY 2119)

HIST619A Special Topics in History: Readings in Modern Military History; (3) REG/AUD.
0101 **(30031)** Sumida, J.
Tu 6:00pm-8:30pm (KEY 3111)

HIST619B *(PermReq)* **Special Topics in History: Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HIST619C Special Topics in History: Orientation Seminar: Material Aspects of American Civilization: Introduction to Museum Studies; (3) REG/AUD.
0101 **(30088)** Finn, B.
W 3:00pm-5:30pm (Arranged)

HIST619S Special Topics in History: Current Research in the History of Philosophy and Science and Technology; (1) REG/AUD. Crosslisted with PHIL 688S.
0101 **(30108)** Brush, S.
Th 3:00pm-3:50pm (KEY 0107)

HIST619W Special Topics in History: Black Women in the United States; (3) REG/AUD.
0101 **(30118)** Barkley Brown, E.
Tu 1:00pm-3:30pm (KEY 1118)

HIST619X Special Topics in History: Medieval Semiotics; (3) REG/AUD.
0101 **(30128)** Bedos-Rezak, B.
Tu 3:30pm-6:00pm (KEY 2119)

HIST628 Readings in Colonial American History; (3) REG/AUD.
0101 **(30138)** Olson, A.
M 1:00pm-3:30pm (KEY 3111)

HIST648 Readings in Recent American History; (3) REG/AUD.
0101 **(30148)** Olson, K.
Tu 6:00pm-8:30pm (KEY 2119)

HIST659 Readings in American Cultural and Intellectual History; (3) REG/AUD.
0101 **(30158)** Gilbert, J.
Tu 3:30pm-6:00pm (KEY 3111)

HIST678 Readings in American Labor History; (3) REG/AUD.
0101 **(30168)** Berlin, I.
Tu 3:30pm-6:00pm (KEY 1118)

HIST748 Readings in Modern French History: Readings in Modern French History; (3) REG/AUD.
0101 **(30178)** Sutherland, D.
W 3:30pm-6:00pm (KEY 2119)

HIST759 Readings in Russian and Soviet History: Late Imperial Russia; (3) REG/AUD.
0101 **(30188)** David-Fox, M.
Tu 6:00pm-8:30pm (KEY 1118)

HIST799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

HIST808 Seminar in the History of Science and Technology; (3) REG/AUD.
0101 **(30245)** Brush, S.
M 1:00pm-3:30pm (KEY 2119)

HIST819A Special Topics in History: Independent Research: Research Seminar: Writing Narrative History; (3) REG/AUD.
0101 **(30255)** Henretta, J.
W 1:00pm-3:30pm (KEY 3111)

HIST819B *(PermReq)* **Special Topics in History: Independent Research; (1-3)** REG/AUD.
0101 **(30265)** STAFF
Time and room to be arranged

HIST838 Seminar in Ancient History; (3) REG/AUD.
0101 **(30275)** Lapin, H.
M 6:00pm-8:30pm (KEY 2119)

HIST888 Seminar in the Middle Period and Civil War; (3) REG/AUD.
0101 **(30285)** Grimsted, D.
W 6:00pm-8:30pm (KEY 2119)

HIST898 *(PermReq)* **Seminar in Recent American History: Nixon Presidential Research at Archives II; (3)** REG/AUD.
0101 **(30286)** Olson, K.
Time and room to be arranged

HIST899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

HLHP Health and Human Performance
(Health and Human Performance)

HLHP386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours. Formerly PERH 386.*
0101 **(30391)** Zink, M.
Time and room to be arranged

HLHP688 *(PermReq)* **Field Work in Aging; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH Health
(Health and Human Performance)

HLTH105 Science and Theory of Health; (2) REG/AUD.
0101 **(30452)** STAFF
TuTh 9:30am-10:45am (HHP 1303)

HLTH106 Drug Use and Abuse; (3) REG/AUD.
0101 **(30462)** Pinciaro, P.
MWF 9:00am-9:50am (HHP 1312)
0201 **(30463)** Pinciaro, P.
TuTh 12:30pm-1:45pm (HHP 1301)

HLTH140 Personal and Community Health; (3) REG/AUD.
0101 **(30473)** STAFF
MWF 10:00am-10:50am (HHP 1301)
0201 **(30474)** STAFF
MWF 11:00am-11:50am (HHP 1301)
0301 **(30475)** STAFF
MWF 12:00pm-12:50pm (HHP 1302)
0401 **(30476)** STAFF
TuTh 11:00am-12:15pm (HHP 1303)
0501 **(30477)** STAFF
TuTh 12:30pm-1:45pm (HHP 0306)
0601 **(30478)** STAFF
TuTh 2:00pm-3:15pm (HHP 1301)
0701 **(30479)** STAFF
MWF 9:00am-9:50am (HHP 1302)
0801 **(30480)** STAFF
TuTh 9:30am-10:45am (HHP 0307)

HLTH150 First Aid and Emergency Medical Services; (2) REG/AUD.
0101 **(30490)** STAFF
M 8:00am-9:40am (HHP 0302)
0201 **(30491)** STAFF
W 8:00am-9:40am (HHP 0302)

HLTH230 Introduction to Health Behavior; (3) REG/AUD. Offered fall only.
0101 **(30501)** Simson, S.
TuTh 2:00pm-3:15pm (HHP 1302)

HLTH285 Controlling Stress and Tension; (3) REG/AUD.
0101 **(30511)** Schiraldi, G.
MWF 11:00am-11:50am (HHP 1312)
0201 **(30512)** Schiraldi, G.
MWF 2:00pm-2:50pm (HHP 1312)
0301 **(30513)** Hyde, D.
TuTh 12:30pm-1:45pm (HHP 1302)
0401 **(30514)** Greenberg, J.
TuTh 9:30am-10:45am (HHP 1302)
Section 0401 includes a service-learning component; learning will be enhanced by students applying knowledge and skills learned in class to people in need of this expertise. In turn, people in need will benefit from this service.
0501 **(30515)** Spalding, T.
TuTh 2:00pm-3:15pm (HHP 0305)
0601 **(30516)** Spalding, T.
TuTh 4:00pm-5:15pm (HHP 0306)

HLTH289 Topical Investigations; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH340 *(PermReq)* **Curriculum, Instruction and Observation; (3)** REG/AUD. *Prerequisite: HLTH 140; and HLTH 420.* Offered fall only.
0101 **(30544)** Reynolds, M.
M 10:00am-11:45am (HHP 0301)
Time and room to be arranged Lab

HLTH371 Communicating Safety and Health; (3) REG/AUD.
0101 **(30554)** Beck, K.
TuTh 11:00am-12:15pm (HHP 1301)
0201 **(30555)** STAFF
MWF 11:00am-11:50am (HHP 1302)

HLTH377 Human Sexuality; (3) REG/AUD. *Formerly HLTH 477.*
0101 **(30565)** Sawyer, R.
TuTh 11:00am-12:15pm (HHP 1312)
0201 **(30566)** Pinciaro, P.
MWF 10:00am-10:50am (HHP 1302)
0301 **(30567)** Reynolds, M.
MW 3:00pm-4:15pm (HHP 1312)

HLTH386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

HLTH389 Topical Investigations; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH420 *(PermReq)* **Methods and Materials in Health Education; (3)** REG/AUD. *Prerequisites: HLTH 105 or HLTH 140.*
0101 **(30663)** STAFF
Tu 4:00pm-6:45pm (HHP 0305)
0201 **(30664)** Reynolds, M.
TuTh 11:00am-12:15pm (HHP 0303)

HLTH471 Women's Health; (3) REG/AUD. DIVERSITY *Also offered as WMST 471. Credit will be granted for only one of the following: HLTH 471 or WMST 471.* Recommended for junior and senior women.
0101 **(30684)** Reynolds, M.
TuTh 4:00pm-5:15pm (HHP 1312)
0201 **(30685)** Simson, S.
W 4:00pm-6:45pm (HHP 1302)

HLTH476 Death Education; (3) REG/AUD.
0101 **(30695)** Leviton, D.
TuTh 2:00pm-3:15pm (HHP 1312)

HLTH485 Ways of Knowing About Human Stress and Tension; (3) REG/AUD. *Prerequisite: HLTH 285. Not open to students who have completed HLTH 498T.*
0101 **(30705)** Schiraldi, G.
M 7:00pm-10:00pm (HHP 1302)

HLTH487 Adult Health and Developmental Program; (3) REG/AUD. First two class meetings will be Saturday, September 6 and Saturday, September 13, 1997 at 9am in the Stamp Student Union, room 2111.
0101 **(30715)** Leviton, D.
Sa 8:30am-1:30pm (SSU 2111)

HLTH489 *(PermReq)* **Field Laboratory Projects and Workshop; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH490 *(PermReq)* **Principles and Techniques of Community Health; (3)** REG/P-F/AUD. *Prerequisite: HLTH 391.* Offered fall only.
0101 **(30743)** Desmond, S.
M 1:00pm-2:50pm (HHP 1301)
W 1:00pm-4:00pm (HHP 1301) Lab

HLTH491 *(PermReq)* **Community Health Internship; (12)** S-F. *Prerequisite: HLTH 490. For community health majors only.*
0101 **(30753)** STAFF
Time and room to be arranged

HLTH498E Special Topics in Health: Laboratory for Stress and Coping; (3) REG/P-F/AUD.
0101 **(30763)** Silbergeld, S.
Sa 10:00am-1:00pm (HHP 1302)

HLTH498X Special Topics in Health: AIDS Education and Prevention; (3) REG/AUD.
0101 **(30773)** STAFF
W 4:00pm-6:45pm (HHP 1303)

HLTH605 *(PermReq)* **Foundations of Health Education; (3)** REG/AUD. *For health education majors only. Formerly HLTH 740.*
0101 **(30783)** Greenberg, J.
M 4:00pm-6:45pm (HHP 0302)

HLTH630 Women's Health Issues; (3) REG/AUD.
0101 **(30793)** Schulken, E.
M 4:00pm-6:45pm (HHP 0305)

HLTH665 Health Behavior I; (3) REG/AUD.
0101 **(30803)** Feldman, R.
Th 4:00pm-6:45pm (HHP 0301)

HLTH680 The Dynamics of Coping with Stress; (3) REG/AUD. *Prerequisite: HLTH 285 or permission of department.*
0101 **(30813)** Schiraldi, G.
W 7:00pm-9:50pm (HHP 0303)

HLTH688 *(PermReq)* **Special Problems in Health Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH710 Methods and Techniques of Research; (3) REG/AUD.
0101 **(30841)** Feldman, R.
Tu 4:00pm-6:45pm (HHP 0301)

HLTH720 Scientific Foundations of Health Education; (3) REG/AUD.
0101 **(30851)** Schulken, E.
W 4:00pm-6:45pm (HHP 0303)

HLTH785 *(PermReq)* **Internship in Health Education; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: {HLTH 665; and HLTH 775; and HLTH 780}; or permission of department.*

HLTH799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

HLTH899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

HONR Honors
(Undergraduate Studies)

ALL HONR courses are open to students enrolled in University Honors and/or Departmental Honors programs and to others by permission of the Director of University Honors. Detailed descriptions of University Honors seminars can be found in the course description brochure available in the Honors Office in Anne Arundel Hall or by calling x56771. All Honors courses require approval prior to registration.

HONR100 Honors Colloquium; (1) REG. *Prerequisite: permission of University Honors Program.*
Course restricted to Fall 1997 freshmen honors students.
0101 **(30958)** Mack, M.
M 12:30pm-2:00pm (ANA 0100) Dis
0102 **(30959)** Mack, M.
Tu 3:00pm-4:30pm (ANA 0100) Dis
0103 **(30960)** Mack, M.
Th 1:00pm-2:30pm (PLS 1117) Dis
0104 **(30961)** Mack, M.
M 3:00pm-4:30pm (ANA 0100) Dis
0105 **(30962)** Mack, M.
W 11:00am-12:30pm (SKN 1115) Dis
0106 **(30963)** Mack, M.
W 3:00pm-4:30pm (JMZ 1109) Dis
0107 **(30964)** Mack, M.
F 12:00pm-1:30pm (ANA 0120) Dis
0108 **(30965)** Mack, M.
F 11:30am-1:00pm (PLS 1180) Dis
0109 **(30966)** Mack, M.
W 12:30pm-2:00pm (ANA 0120) Dis
0110 **(30967)** Mack, M.
Th 11:30am-1:00pm (JMZ 1103) Dis
0111 **(30968)** Mack, M.
Tu 2:30pm-4:00pm (JMZ 1123) Dis
0112 **(30969)** Mack, M.
F 2:00pm-3:30pm (ANA 0120) Dis
0113 **(30970)** Mack, M.
M 1:00pm-2:30pm (ANA 0103) Dis
0114 **(30971)** Mack, M.
W 9:00am-10:30am (TYD 1108) Dis
0115 **(30972)** Mack, M.
Th 1:00pm-2:30pm (PLS 1168) Dis
0116 **(30973)** Mack, M.
Th 11:00am-12:30pm (PLS 1115) Dis
0117 **(30974)** Mack, M.
W 1:00pm-2:30pm (ANA 0100) Dis
0118 **(30975)** Mack, M.
Th 1:30pm-3:00pm (PLS 1162) Dis
0119 **(30976)** Mack, M.
M 11:00am-12:30pm (PLS 1119) Dis
0120 **(30977)** Mack, M.
W 10:00am-11:30am (PLS 1119) Dis
0121 **(30978)** Mack, M.
W 3:30pm-5:00pm (JMZ 1103) Dis
0122 **(30979)** Mack, M.
W 2:30pm-4:00pm (ANA 0103) Dis
0123 **(30980)** Mack, M.
M 2:00pm-3:30pm (JMZ 1226) Dis
0124 **(30981)** Mack, M.
Th 4:00pm-5:30pm (JMZ 1104) Dis
0125 **(30982)** Mack, M.
Tu 11:00am-12:30pm (JMZ 1103) Dis
0126 **(30983)** Mack, M.
F 2:00pm-3:30pm (ANA 0100) Dis
0127 **(30984)** Mack, M.
W 1:00pm-2:30pm (ANA 0103) Dis
0128 **(30985)** Mack, M.
M 12:00pm-1:30pm (ASY 3221) Dis
0129 **(30986)** Mack, M.
M 1:30pm-3:00pm (KEY 0119) Dis
0130 **(30987)** Mack, M.
W 1:30pm-3:00pm (KEY 0119) Dis
0131 **(30988)** Mack, M.
M 12:30pm-2:00pm (PLS 1115) Dis
0132 **(30989)** Mack, M.
F 1:00pm-2:30pm (ANA 0103) Dis
0133 **(30990)** Mack, M.
W 2:00pm-3:30pm (JMZ 0118) Dis
0134 **(30991)** Mack, M.
Tu 2:00pm-3:30pm (TYD 2110) Dis

HONR218A Honors Seminar: In Search of Ancient Astronomies; (3) REG. CORE: HO DIVERSITY
0101 **(31005)** Carlson, J.
W 6:30pm-9:00pm (ANA 0120)
0102 **(31006)** Carlson, J.
Tu 6:30pm-9:00pm (ANA 0120)

HONR218C Honors Seminar: Western Intellectual Heritage: The Hero and Society; (3) REG. CORE: HO
0101 **(31016)** Hall, M.
Th 6:00pm-8:30pm (ANA 0120)

HONR218L Honors Seminar: Language and Mind; (3) REG. CORE: HO
0101 **(31026)** Lightfoot, D.
TuTh 9:30am-10:45am (MMH 3418)

HONR228A Honors Seminar: Science and Pseudoscience: An Investigative Approach; (3) REG. CORE: MS
0101 **(31036)** Denman, D.
MW 4:00pm-5:15pm (ANA 0103)

HONR228Q Honors Seminar: Nuclear Physics and Society; (3) REG. CORE: PS
0101 **(31046)** Berg, R.
Tu 2:00pm-5:00pm (PHY 0405)

HONR238B Honors Seminar: Images of Masculinity in Twentieth Century American Literature and Film; (3) REG. CORE: HL
0101 **(31056)** O'Sullivan, S.
TuTh 12:30pm-1:45pm (SQH 1121)

HONR238M Honors Seminar: Shadow Play: An Introduction to Film Studies; (3) REG. CORE: HO
0101 **(31066)** Lifton, M.
M 7:00pm-9:30pm (HBK 0125)
W 3:30pm-5:30pm (HBK 0125) Dis

HONR238Z Honors Seminar: Understanding the World through Reading; (3) REG. CORE: HL
0101 **(31076)** Freedman, M.
M 4:00pm-6:30pm (ANA 0120)

HONR239I Honors Seminar: Buddhism: Personal and Social Transformations; (3) REG. CORE: HO DIVERSITY
0101 **(31086)** Urubshurow, V.
Tu 5:30pm-8:00pm (JMZ 2207)

HONR239K Honors Seminar: The Discovery of Personality in Literature; (3) REG. CORE: HL
0101 **(31096)** Howard, J.
TuTh 3:30pm-4:45pm (ANA 0103)

HONR239N Honors Seminar: The Black Experience in American Drama; (3) REG. CORE: HL DIVERSITY
0101 **(31106)** Gray, C.
Th 3:30pm-6:00pm (ANA 0120)

HONR248A Honors Seminar: The Passion of the Educated Mind; (3) REG. CORE: HO
0101 **(31116)** Splaine, J.
TuTh 2:00pm-3:15pm (ANA 0103)

HONR248G Honors Seminar: Social and Group Violence in America; (3) REG. CORE: SH
0101 **(31126)** Smead, E.
W 10:00am-12:30pm (ANA 0120)

HONR248H Honors Seminar: Deviance and Disability in Context; (3) REG. CORE: SB
0101 **(31136)** Leone, P.
MW 1:00pm-2:15pm (EDU 3233)

HONR248O Honors Seminar: The Military and the Media in American History; (3) REG. CORE: SH
0101 **(31146)** Hammond, W.
Th 5:00pm-7:30pm (ANA 0103)

HONR248V Honors Seminar: Society and the Criminal Justice System; (3) REG. CORE: SB
0101 **(31156)** Dixon, W.
M 7:00pm-9:30pm (ANA 0100)

HONR248W Honors Seminar: America in the 1960's; (3) REG. CORE: SH
0101 **(31166)** Newman, J.
Tu 12:30pm-3:00pm (ANA 0120)

HONR249I Honors Seminar: The Examined Life; (3) REG. CORE: SB
0101 **(31176)** Burt, J.
Tu 7:00pm-9:30pm (HHP 3310E)

HONR249J Honors Seminar: Economics and the Environment; (3) REG. CORE: SB
0101 **(31186)** Horowitz, J.
MW 2:00pm-3:15pm (JMZ 0125)

HONR249N Honors Seminar: The Ups and Downs of Human Flight; (3) REG. CORE: HO
0101 **(31196)** Anderson, J.
M 1:00pm-4:00pm (ANA 0120)

HONR258A Honors Seminar: Untold Stories: Modern Women Writers Re-imagining the Western Tradition; (3) REG. CORE: HL DIVERSITY
0101 **(31206)** Staudt, K.
TuTh 9:30am-10:45am (JMZ 1124)

HONR258C Honors Seminar: Silence and Art; (3) REG. CORE: HA
0101 **(31216)** Retallack, J.
Th 2:00pm-4:30pm (ANA 0100)

HONR258E Honors Seminar: Television Reality; (3) REG. CORE: HO
0101 **(31226)** Barkin, S.
Th 12:30pm-3:00pm (ANA 0120)

HONR258I Honors Seminar: Reading the Bible: An Introduction to Critical Methods; (3) REG. CORE: HL
0101 **(31236)** Knobloch, F.
TuTh 11:00am-12:15pm (ANA 0103)

HONR258J Honors Seminar: Modern Jewish Experience Through Literature; (3) REG. CORE: HL DIVERSITY
0101 **(31246)** Berlin, G.
W 3:00pm-5:00pm (JMZ 2125)
Time and room to be arranged Dis

HONR258K Honors Seminar: Shakespeare: In History and in Performance; (3) REG. CORE: HL HONR 258K is equivalent in course content to ENGL 205. Credit will be granted for only one of the following: HONR 258K or ENGL 205.
0101 **(31256)** Mack, M.
TuTh 9:30am-10:45am (ANA 0120)
0201 **(31257)** Coogan, R.
MWF 9:00am-9:50am (SQH 1121)

HONR258N Honors Seminar: Philosophy and Computers; (3) REG. CORE: MS
0101 **(31267)** Cherniak, C.
TuTh 2:00pm-3:15pm (SKN 0104)

HONR258O Honors Seminar: The Kinesiological Bases of Sport; (3) REG.
0101 **(31277)** Iso-Ahola, S.
TuTh 2:00pm-3:15pm (HHP 0301)

HONR258Q Honors Seminar: Western World Literature: Homer to the Renaissance; (3) REG. CORE: HL
0101 **(31287)** Howard, J.
TuTh 11:00am-12:15pm (WDS 0104)

HONR258R Honors Seminar: Plato's Republic: Asking it All; (3) REG. CORE: HO
0101 **(31297)** Pasch, A.
MWF 2:00pm-2:50pm (SKN 1112)

HONR258T Honors Seminar: Tools of Fiction: Literature and/as Creative Writing; (3) REG. CORE: HL
0101 **(31307)** Hebert, D.
TuTh 12:30pm-1:45pm (JMZ 1104)

HONR258V Honors Seminar: American Attitudes Toward War; (3) REG. CORE: SH
0101 **(31317)** Hogan, D.
Tu 6:00pm-8:30pm (ANA 0103)

HONR258W Honors Seminar: Exploring Homophobia: Demystifying Lesbian and Gay Issues; (3) REG. DIVERSITY
0101 **(31327)** Zeiger, R.
TuTh 11:00am-12:15pm (ANA 0120)

HONR258Y Honors Seminar: Economic Well-Being: Private Markets, Public Actions, and the Luck of the Draw; (3) REG. CORE: SB HONR 258Y is equivalent in course content to ECON 105. Credit will be granted for only one of the following: HONR 258Y or ECON 105.
0101 **(31337)** Straszheim, M.
TuTh 11:00am-12:15pm (JMZ 1120)

HONR259Q Honors Seminar: Conformity, Rebellion, and Identity: A Literary Perspective; (3) REG. CORE: HL
0101 **(31347)** Airozo, J.
MWF 11:00am-11:50am (ANA 0100)

HONR259S Honors Seminar: The Body and Literature; (3) REG. CORE: HL
0101 **(31357)** O'Sullivan, S.
TuTh 2:00pm-3:15pm (SQH 2121)

HONR268B Honors Seminar: How the West was Won and Lost: The Legacy of Conquest on the American Frontier; (3) REG. CORE: SH
0101 **(31367)** McNeilly, D.
MWF 11:00am-11:50am (ANA 0103)

HONR268E Honors Seminar: Gods, Demons and Mythology in the Ancient Near-East and Egypt; (3) REG. CORE: HO
0101 **(31397)** Cohen, M.
W 2:00pm-4:30pm (ANA 0120)

HONR268N Honors Seminar: First Amendment on the Line: Religion and the Public Schools; (3) REG. CORE: SH
0101 **(31407)** Turnham, T.
M 6:00pm-8:30pm (ANA 0103)

HONR268P Honors Seminar: Drugs and American Society; (3) REG. Course will meet at CESAR Office, 4321 Hartwick Road.
0101 **(31417)** Wish, E.
W 2:00pm-4:30pm (Arranged)

HONR268R Honors Seminar: The Cultural Significance of Astronomy; (3) REG. CORE: HO
0101 **(31427)** Theison, D.
MW 12:30pm-1:45pm (CSS 2416)

HONR268W Honors Seminar: Retelling the Tale; (3) REG. CORE: HL
0101 **(31437)** Solari, R.
TuTh 2:00pm-3:15pm (JMZ 0122)

HONR268Z Honors Seminar: Faces in the Mirror: The Culture of the Mask; (3) REG. CORE: HO
0101 **(31447)** Pleydell, S.
TuTh 9:30am-10:45am (ANA 0100)

HONR269S Honors Seminar: Reading People and Places: Environmental Non-Verbal Communication; (3) REG. CORE: HA
0101 **(31448)** Etlin, R.
TuTh 9:30am-10:45am (ARC 1127)

HONR278A Honors Seminar: American Court Cases and American Society; (3) REG. CORE: SH
0101 **(31457)** Webster, S.
W 6:00pm-8:30pm (ANA 0103)

HONR278B Honors Seminar: Policy Conundrums in Science and Medicine; (3) REG.
0101 **(31467)** Milman, G.
M 7:00pm-9:30pm (ANA 0120)

HONR278C Honors Seminar: Style: What It Is and How to Get It; (3) REG. CORE: HL
0101 **(31477)** Chartock, L.
TuTh 3:00pm-4:15pm (HBK 1108)

HONR278D Honors Seminar: Women and Religion; (3) REG. CORE: SB DIVERSITY
0101 **(31487)** Brown, E.
TuTh 9:30am-10:45am (ANA 0103)

HONR278E Honors Seminar: Our Environment: What Does Science Have to Do With It?; (3) REG. CORE: LS
0101 **(31497)** McIntosh, M.
TuTh 11:00am-12:15pm (ANA 0100)

HONR278F Honors Seminar: "What's Funny?": Humor, Philosophy, and the Meaning of Life; (3) REG. CORE: HO
0101 **(31507)** Levinson, J.
Tu 3:30pm-6:00pm (SKN 1112)

HONR278G Honors Seminar: Healing Women: From Adolescence to Adulthood; (3) REG. CORE: SB DIVERSITY Credit will be granted for only one of the following: HONR 278G or WMST 200.
0101 **(31517)** Beck, E.
Tu 3:00pm-5:30pm (ANA 0120)

HONR278H Honors Seminar: War, Taxes, and Health Care: Public Policy and the Political Process; (3) REG. CORE: SB
0101 **(31527)** Crawford, S.
Tu 6:00pm-8:30pm (ASY 3219)

HONR278I Honors Seminar: The Other on the "Other": American Women's Roles in Creating Ideas of Sexuality, Race, and Colonization; (3) REG. CORE: HL DIVERSITY
0101 **(31537)** Taketani, E.
TuTh 9:30am-10:45am (WDS 1131)

HONR278J Honors Seminar: Women and War: 1940-2040; (3) REG. CORE: SB DIVERSITY
0101 **(31547)** Segal, M.
TuTh 2:00pm-3:15pm (ASY 3217)

HONR278L Honors Seminar: Big Buildings, Tall Buildings of the Modern Era; (3) REG. CORE: HA
0101 **(31548)** Gournay, I.
TuTh 11:00am-12:15pm (ARC 1127)

HONR278N Honors Seminar: Controversies in Nutrition: Science, Nonscience, and Nonsense; (3) REG. CORE: LS
0101 **(31557)** Moser-Veillon, P.
TuTh 2:00pm-3:15pm (SKN 1112)

HONR278O Honors Seminar: Renaissance Sculpture and the Image of Man: The Birth of Western Tradition; (3) REG. CORE: HA
0101 **(31558)** Lewis, D.
W 6:00pm-8:30pm (ARC 1127)

HONR278P Honors Seminar: Biology in a Cultural Context; (3) REG. CORE: LS DIVERSITY
0101 **(31559)** Yuan, R.
TuTh 3:30pm-4:45pm (MCB 2119)

HONR278Q Honors Seminar: Evolutionary Game Theory in Biology and Elsewhere; (3) REG. CORE: MS
0101 **(31560)** Geritz, S.
TuTh 11:00am-12:15pm (PLS 1162)

HONR278R Honors Seminar: The Jew and the City; (3) REG. CORE: SH DIVERSITY
0101 **(31561)** Cooperman, B.
MWF 11:00am-11:50am (ZOP 2283)

HONR328P Advanced Honors Seminar: The Biophysical Aspects of Wellness; (3) REG. Course does not satisfy CORE Advanced Studies requirement for students in the College of Health and Human Performance.
0101 **(31567)** Farmer, C.
Tu 3:00pm-5:30pm (HHP 0307)

HONR338T Advanced Honors Seminar: Comparative History of Sport and Leisure: Britain and the United States 1700-1920s; (3) REG.
0101 **(31568)** Struna, N.
TuTh 12:30pm-1:45pm (HHP 0305)

HONR348J Advanced Honors Seminar: Contemporary Social Issues; (3) REG.
0101 **(31577)** Smead, E.
M 10:00am-12:30pm (ANA 0120)

HONR348K Advanced Honors Seminar: Angst, Sex, and Laughter: Kafka and Film; (3) REG.
0101 **(31587)** Beicken, P.
M 2:00pm-3:30pm (JMZ 3205)
W 2:00pm-2:50pm (JMZ 3205) Dis

HONR359A Honors Workshop: Writing Workshop; (3) S-F.
0101 **(31607)** Retallack, J.
Th 5:30pm-8:30pm (ANA 0100)

HONR359B Honors Workshop: Alternatives to Violence; (3) S-F. Credit will be granted for only one of the following: HONR 359B or HONR 348A.
0101 **(31617)** McCarthy, C.
W 3:30pm-6:00pm (ASY 3207)

HONR379 *(PermReq)* **Honors Independent Study; (3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Available only to University honors students.

HONR388 Honors Thesis or Project; (3) REG.
0101 **(31630)** McAdams, K.
Time and room to be arranged
0201 **(31631)** Paoletti, J.
Time and room to be arranged

HORT Horticulture & Landscape Architecture
(Agriculture and Natural Resources)

HORT160 Introduction to Landscape Architecture; (3) REG/P-F/AUD. CORE: HO
0101 **(31721)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
F 10:00am-10:50am (PLS 1162) Dis
0102 **(31722)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
W 12:00pm-12:50pm (PLS 1162) Dis
0103 **(31723)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
F 11:00am-11:50am (PLS 1162) Dis
0104 **(31724)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
Th 12:30pm-1:20pm (PLS 1162) Dis
0106 **(31726)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
M 12:00pm-12:50pm (PLS 1162) Dis
0107 **(31727)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
M 1:00pm-1:50pm (PLS 1162) Dis
0108 **(31728)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
Tu 12:30pm-1:20pm (PLS 1162) Dis

HORT200 Land Surveying; (2) REG/P-F/AUD. *For HORT majors only.*
0101 **(31740)** STAFF
Th 2:00pm-4:50pm (PLS 1142) Lab

HORT201 Environmental Factors and Horticultural Crop Production; (4) REG/P-F/AUD. *Prerequisite: HORT 100. Recommended: BIOL 105.*
0101 **(31750)** Deitzer, G.
TuTh 8:00am-9:15am (PLS 1146)
Tu 1:00pm-2:30pm (PLS 1153) Lab
Tu 2:40pm-3:50pm (HAR 1105) Lab

HORT253 Woody Plant Material I; (3) REG/P-F/AUD. *Prerequisite: PBIO 250 or HORT 100. Formerly HORT 453.*
0101 **(31760)** Mityga, H.
MF 1:00pm-1:50pm (PLS 1130)
F 2:00pm-4:50pm (PLS 1153) Lab
0102 **(31761)** Mityga, H.
MF 1:00pm-1:50pm (PLS 1130)
F 2:00pm-4:50pm (PLS 1146) Lab

HORT261 Electronic Studio; (3) REG/P-F/AUD. *Prerequisite: HORT 260 or LARC 260. Recommended: HORT 160 or LARC 160. For HORT and LARC majors only.*
0101 **(31771)** STAFF
MW 2:00pm-2:50pm (PLS 1144)
MW 3:00pm-3:50pm (PLS 1144) Lab

HORT320 Principles of Site Engineering; (3) REG/P-F/AUD. *Prerequisites: LARC 140 or HORT 255 and HORT 200. For HORT majors only. Also offered as LARC 320. Formerly HORT 364.*
0101 **(31781)** Sullivan, J.
MW 9:00am-9:50am (PLS 1130)
MW 10:00am-11:50am (PLS 2156) Lab
MW 10:00am-11:50am (PLS 1142) Lab

HORT389 Horticultural Internship; (1-6) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HORT398 Seminar; (1) REG/P-F/AUD.
0101 **(31792)** STAFF
M 4:00pm-4:50pm (PLS 1144)

HORT399 *(PermReq)* **Special Problems in Horticulture; (1-2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HORT452 Principles of Landscape Establishment and Maintenance; (3) REG/P-F/AUD. *Prerequisites: HORT 202; and HORT 253; and HORT 254. For HORT majors only.*
0101 **(31817)** Walsh, C.
MW 11:00am-11:50am (PLS 1146)
W 1:00pm-3:50pm (PLS 1146) Lab

HORT472 Advanced Plant Propagation; (2) REG/P-F/AUD. *Prerequisite: HORT 201; and HORT 202; and HORT 271.*
0101 **(31827)** Swartz, H.
Tu 12:00pm-12:50pm (PLS 2166)
Tu 1:00pm-3:50pm (PLS 2166) Lab
0102 **(31828)** Swartz, H.
W 12:00pm-12:50pm (PLS 2166)
W 1:00pm-3:50pm (PLS 2166) Lab

HORT474 Physiology of Maturation and Storage of Horticultural Crops; (3) REG/P-F/AUD. *Pre- or corequisite: PBIO 420.*
0101 **(31838)** Solomos, T.
MW 9:00am-9:50am (PLS 1172)
F 9:00am-11:50am (PLS 1153) Lab

HORT489 Special Topics in Horticulture: Introduction to Plant Pathology; (4) REG/P-F/AUD.
0101 **(31848)** Steiner, P.
TuTh 8:00am-9:15am (PLS 1130)
Th 9:30am-12:20pm (PLS 1153) Lab
0102 **(31849)** Steiner, P.
TuTh 8:00am-9:15am (PLS 1130)
Th 1:00pm-3:50pm (PLS 1153) Lab

HORT489A Special Topics in Horticulture: Herbaceous Perennials; (3) REG/P-F/AUD.
0101 **(31859)** Balge, R.
F 9:00am-11:50am (PLS 1146)

HORT689L Special Topics in Horticulture: Advanced Plant Propagation; (2) REG/AUD.
0101 **(51683)** Swartz, H.
Tu 12:00pm-12:50pm (PLS 2166)
Tu 1:00pm-3:50pm (PLS 2166) Lab
0102 **(31829)** Swartz, H.
W 12:00pm-12:50pm (PLS 2166)
W 1:00pm-3:50pm (PLS 2166) Lab

HORT699 *(PermReq)* **Special Problems in Horticulture; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HORT783 Environmental Factors and Horticultural Plants; (3) REG/AUD. *Prerequisite: PBIO 420.*
0101 **(31884)** Coleman, G.
TuTh 9:30am-10:45am (PLS 1146)

HORT784 Current Advances in Plant Breeding; (3) REG/AUD. *Prerequisite: BIOL 222 or equivalent or permission of instructor.*
0101 **(31894)** Costa, J.
TuTh 11:00am-12:15pm (PLS 1146)

HORT798 Advanced Seminar; (1) S-F/AUD.
0101 **(31904)** Lea-Cox, J.
M 4:00pm-4:50pm (PLS 1130)

HORT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

HORT899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ITAL Italian
(Arts and Humanities)

A booklet fully describing the courses to be offered is available in the office of the Department of French and Italian, Room 3106 of the Juan Ramon Jimenez building.

ITAL101 Elementary Italian I; (4) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 101 or ITAL 121.*
0101 **(31990)** STAFF
MWF 9:00am-9:50am (JMZ 2123)
Tu 9:00am-9:50am (JMZ 2120) Lab
0201 **(31991)** STAFF
MWF 10:00am-10:50am (JMZ 2123)
Tu 10:00am-10:50am (JMZ 2120) Lab
0301 **(31992)** STAFF
MWF 11:00am-11:50am (JMZ 2123)
Tu 11:00am-11:50am (JMZ 2120) Lab
0401 **(31993)** STAFF
MWF 12:00pm-12:50pm (JMZ 2123)
Tu 12:00pm-12:50pm (JMZ 2120) Lab
0501 **(31994)** STAFF
MWF 1:00pm-1:50pm (JMZ 2123)
Tu 1:00pm-1:50pm (JMZ 2120) Lab

ITAL102 Elementary Italian II; (4) REG/P-F/AUD. *Prerequisite: ITAL 101 or permission of department.*
0101 **(32004)** STAFF
MWF 10:00am-10:50am (JMZ 2122)
Th 10:00am-10:50am (JMZ 2120) Lab
0201 **(32005)** STAFF
MWF 12:00pm-12:50pm (JMZ 2122)
Th 12:00pm-12:50pm (JMZ 2120) Lab

ITAL121 Accelerated Italian I; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 101 or ITAL 121.*
0101 **(32015)** Amodeo, S.
MWF 1:00pm-1:50pm (JMZ 2122)

ITAL121H Accelerated Italian I; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 101 or ITAL 121.* For general honors students only.
0101 **(32025)** Amodeo, S.
MWF 1:00pm-1:50pm (JMZ 2122)

ITAL203 Intermediate Italian; (4) REG/P-F/AUD. CORE: HO *Prerequisite: ITAL 102 or permission of department. Credit will be granted for only one of the following: ITAL 203 or ITAL 122.*
0101 **(32035)** STAFF
MWF 11:00am-11:50am (JMZ 2122)
Th 11:00am-11:50am (JMZ 2120) Lab

ITAL204 Review Grammar and Composition; (3) REG/P-F/AUD. CORE: HO *Prerequisite: ITAL 203 or ITAL 122, or permission of department.*
0101 **(32045)** Falvo, J.
MWF 1:00pm-1:50pm (JMZ 3203)

ITAL211 Intermediate Conversation; (3) REG/P-F/AUD. *Prerequisite: ITAL 203 or permission of department. Not open to native speakers.*
0101 **(32055)** Russell, C.
MWF 10:00am-10:50am (JMZ 1120)

ITAL350 Readings in Italian Literature; (3) REG/P-F/AUD. *Prerequisite: ITAL 251 or permission of department.*
0101 **(32065)** Russell, C.
MWF 11:00am-11:50am (JMZ 0202)

ITAL399 *(PermReq)* **Directed Study in Italian; (1-3)** S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor.

ITAL411 Dante - in Translation; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 411 or ITAL 412.*
0101 **(32079)** Russell, C.
MWF 1:00pm-1:50pm (JMZ 3118)

ITAL412 Dante - in Italian; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 411 or ITAL 412.* Meets one additional hour per week, (See department for details).
0101 **(32089)** Russell, C.
MWF 1:00pm-1:50pm (JMZ 3118)

ITAL421 The Italian Renaissance (in Translation); (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 421 or ITAL 422. Formerly ITAL 410.*
0101 **(51687)** Campangne, H.
W 4:00pm-6:30pm (JMZ 3120)

ITAL498 Special Topics in Italian Literature; (3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ITAL499 Special Topics in Italian Studies; (3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

IVSP Individual Studies Program
(Undergraduate Studies)

IVSP317 *(PermReq)* **Progress Report; (1)** S-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to IVSP major.* The department representative to contact is the IVSP coordinator.

IVSP318 *(PermReq)* **Independent Learning Activities; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. For IVSP majors only. The department representative to contact is the IVSP coordinator.

IVSP420 *(PermReq)* **Senior Paper; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to IVSP major. For IVSP majors only.* The department representative to contact is the IVSP coordinator.

JAPN Japanese
(Arts and Humanities)

JAPN101 Elementary Japanese I; (6) REG/P-F/AUD.
0101 **(32559)** Yaginuma, K.
MWF 9:00am-10:50am (JMZ 1215)
0201 **(32560)** Yotsukura, L.
MWF 10:00am-11:50am (JMZ 2120)
0301 **(32561)** Yotsukura, L.
MWF 12:00pm-12:50pm (JMZ 0202)
MWF 1:00pm-1:50pm (JMZ 1117) Dis
0302 **(32562)** Yotsukura, L.
MWF 12:00pm-12:50pm (JMZ 0202)
MWF 1:00pm-1:50pm (JMZ 1109) Dis
0401 **(32563)** Sano, T.
MWF 2:00pm-3:50pm (JMZ 2120)
0501 **(32564)** STAFF
MWF 2:00pm-3:50pm (JMZ 1122)

JAPN201 Intermediate Japanese I; (6) REG/P-F/AUD. *Prerequisite: JAPN 102 or equivalent. Formerly JAPN 205.*
0101 **(32574)** Yaginuma, K.
MWF 11:00am-12:50pm (JMZ 1117)
0201 **(32575)** STAFF
MWF 11:00am-12:50pm (PLS 1172)

JAPN301 Advanced Japanese I; (6) REG/P-F/AUD. *Prerequisite: JAPN 202 or equivalent. Formerly JAPN 305.*
0101 **(32585)** Miura, E.
MWF 9:00am-10:50am (HBK 0123)
0201 **(32586)** Miura, E.
MWF 11:00am-12:50pm (HBK 0123)

JAPN403 Business Japanese I; (3) REG/P-F/AUD. *Prerequisite: JAPN 302 or equivalent. Formerly JAPN 303.*
0101 **(32596)** STAFF
MWF 12:00pm-12:50pm (JMZ 1211)

JAPN405 Readings in Advanced Modern Japanese; (3) REG/P-F/AUD. *Prerequisite: JAPN 402 or equivalent or permission of department.*
0101 **(32606)** Sano, T.
MW 4:00pm-5:15pm (JMZ 1123)

JAPN415 Modern Japanese Fiction in Translation; (3) REG/P-F/AUD.
0101 **(32607)** STAFF
Th 2:00pm-4:30pm (JMZ 1109)

JAPN499 Directed Study in Japanese; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR Journalism
(Journalism)

JOUR101 Professional Orientation; (1) REG. Required for JOUR majors but open to campus enrollment. Class meets 15 sessions (1/2 semester). Check schedule on first day of class for exact dates and times.
0101 **(32670)** Stewart, G.
MW 9:00am-9:50am (JMZ 0220)

JOUR101+ Professional Orientation; (1) REG/P-F/AUD. Restricted to students in a First Year Focus Cluster.
0101 **(32680)** Stewart, G.
MW 9:00am-9:50am (JMZ 0220)
F 9:00am-9:50am (JRN 3103) Dis
0102 **(32681)** Stewart, G.
MW 9:00am-9:50am (JMZ 0220)
F 9:00am-9:50am (JRN 3111) Dis

JOUR101H Professional Orientation; (1) REG/P-F/AUD. Limited to students in General Honors Program.
0101 **(32691)** Stewart, G.
MW 9:00am-9:50am (JMZ 0220)
F 9:00am-9:50am (JRN 3102) Dis

JOUR198 *(PermReq)* **Survey Apprenticeship; (1)** S-F. Students must meet with Dr. Stewart in JRN 1118 to receive permission to register. No requests to register after 9/15 will be honored. For JOUR majors only.
0101 **(32701)** Stewart, G.
Time and room to be arranged Lab

JOUR201 *(PermReq)* **Writing For Mass Media; (3)** REG. *Pre- or corequisite: JOUR 101. Prerequisite: 30 words per minute wordprocessing ability; and grammar competency demonstrated by a score of 52 or higher on the TSWE.* Must have at least 28 credits earned. A 5-minute word processing (Word Perfect) test is given each Friday during preregistration. A 30-word per minute proficiency is required to register. Students must also demonstrate grammar skills competency prior to receiving permission to register. For more information stop by 2116 JRN or call 405-2399. A proficiency test of JOUR 201 credit taken at another institution may be given. See Meg Brewer in JRN 1117 to arrange sitting for this exam prior to the first day of classes. JOUR 201 is also offered during the summer. Check the Summer Schedule of Classes for details.
0101 **(32711)** Wise, K.
M 12:00pm-2:00pm (JRN 3111)
W 12:00pm-2:00pm (JRN 3111) Lab
0201 **(32712)** Wise, K.
M 4:00pm-6:00pm (JRN 3111)
W 4:00pm-6:00pm (JRN 3111) Lab
0301 **(32713)** STAFF
Tu 12:00pm-2:00pm (JRN 3111)
Th 12:00pm-2:00pm (JRN 3111) Lab
0401 **(32714)** STAFF
Tu 8:00am-10:00am (JRN 3103)
Th 8:00am-10:00am (JRN 3103) Lab
0501 **(32715)** O'Hare, R.
Tu 2:00pm-4:00pm (JRN 3103)
Th 2:00pm-4:00pm (JRN 3103) Lab
0601 **(32716)** Gibson, J.
M 2:00pm-4:00pm (JRN 3111)
W 2:00pm-4:00pm (JRN 3111) Lab
0701 **(32717)** Gibson, J.
M 10:00am-12:00pm (JRN 3103)
W 10:00am-12:00pm (JRN 3103) Lab

JOUR202 Editing For the Mass Media; (3) REG. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* JOUR 202 is also offered during the summer. Check the Summer Schedule of Classes for details.
0101 **(32727)** O'Malley, S.
M 8:00am-10:00am (JRN 3102)
W 8:00am-10:00am (JRN 3102) Lab
0201 **(32728)** Grover, R.
M 10:00am-12:00pm (JRN 3111)
W 10:00am-12:00pm (JRN 3111) Lab
0301 **(32729)** Goldman, J.
Tu 6:00pm-8:00pm (JRN 3103)
Th 6:00pm-8:00pm (JRN 3103) Lab
0401 **(32730)** Revah, S.
M 6:00pm-8:00pm (JRN 3102)
W 6:00pm-8:00pm (JRN 3102) Lab

JOUR320 News Reporting; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.*
0101 **(32740)** Zoroya, G.
M 7:00pm-9:00pm (JRN 3103)
W 7:00pm-9:00pm (JRN 3103) Lab
0201 **(32741)** Lightman, D.
M 8:00am-10:00am (JRN 3111)
W 8:00am-10:00am (JRN 3111) Lab

JOUR323 Newspaper Editing; (3) REG/AUD. *Prerequisite: grade of C or better in JOUR 202.* Majors only.
0101 **(32751)** Stepp, C.
M 2:00pm-4:00pm (JMZ 2117)
Time and room to be arranged Lab

JOUR325 *(PermReq)* **Reporting from Annapolis and Washington; (6)** REG/P-F/AUD. *Prerequisite: permission of department. Corequisite: JOUR 462.* This course meets in the National Press Building, Washington, DC.
0101 **(32761)** Ricchiardi-Folwell, S.
Time and room to be arranged
0201 **(32762)** Fibich, L.
Time and room to be arranged

JOUR326 Supervised Internship - News Editorial; (3) REG/P-F/AUD. *Prerequisites: a grade of "C" or better in JOUR 201, JOUR 202 and JOUR 320 and permission of department. For JOUR majors only.* Students who haven't identified an internship opportunity may register for the hold file. Dr. Stewart will then forward opportunities he receives for your review. However, identifying and securing the internship is the responsibility of the student. Being on the hold file does not constitute course registration. Students must pick up an internship agreement form in JRN 1118, have the internship supervisor fill it out, and meet with Dr. Stewart to receive permission to register. No requests to register after 9/15 will be honored. There are three mandatory sessions: The first session is either 9/16, 9/17 or 9/18 at 12:15 pm; the second session is Tuesday evening, 10/21 from 7-9 pm; and the final session is either 12/8, 12/9 or 12/10 at 12:15 pm, all in the Journalism Building, room 2116.
0101 **(32772)** Stewart, G.
TBA (JRN 2116)

JOUR328 *(PermReq)* **Specialized News Reporting; (3)** REG/P-F/AUD.
0201 **(51800)** Loeb, P.
MW 7:00pm-10:00pm (EGR 3140)

JOUR328C *(PermReq)* **Specialized News Reporting: On-Line Publishing; (3)** REG/P-F/AUD. A similar course, JOUR 459C (Technology and the Media) is tentatively scheduled for this summer. Consult the summer Schedule of Classes for more information.
0101 **(32792)** McAdams, K.
Tu 10:00am-12:00pm (JRN 3102)
M 9:00am-12:00pm (JRN 3117) Lab
0102 **(32793)** McAdams, K.
Tu 10:00am-12:00pm (JRN 3102)
M 12:00pm-3:00pm (JRN 3117) Lab
0103 **(32794)** McAdams, K.
Tu 10:00am-12:00pm (JRN 3102)
M 3:00pm-6:00pm (JRN 3117) Lab
0104 **(32795)** McAdams, K.
Tu 10:00am-12:00pm (JRN 3102)
M 6:00pm-9:00pm (JRN 3117) Lab
0201 **(32796)** McAdams, K.
Tu 10:00am-12:00pm (JRN 3102)
Tu 12:00pm-3:00pm (JRN 3117) Lab
0202 **(32797)** McAdams, K.
Tu 10:00am-12:00pm (JRN 3102)
Tu 3:00pm-6:00pm (JRN 3117) Lab
0203 **(32798)** McAdams, K.
Tu 10:00am-12:00pm (JRN 3102)
Tu 6:00pm-9:00pm (JRN 3117) Lab
0301 **(32799)** McAdams, K.
Tu 10:00am-12:00pm (JRN 3102)
W 9:00am-12:00pm (JRN 3117) Lab
0302 **(32800)** McAdams, K.
Tu 10:00am-12:00pm (JRN 3102)
W 12:00pm-3:00pm (JRN 3117) Lab
0303 **(32801)** McAdams, K.
Tu 10:00am-12:00pm (JRN 3102)
W 3:00pm-6:00pm (JRN 3117) Lab
0304 **(33371)** McAdams, K.
Tu 10:00am-12:00pm (JRN 3102)
W 6:00pm-9:00pm (JRN 3117) Lab
0401 **(33372)** McAdams, K.
Tu 10:00am-12:00pm (JRN 3102)
Th 9:00am-12:00pm (JRN 3117) Lab
0402 **(33373)** McAdams, K.
Tu 10:00am-12:00pm (JRN 3102)
Th 12:00pm-3:00pm (JRN 3117) Lab
0403 **(33374)** McAdams, K.
Tu 10:00am-12:00pm (JRN 3102)
Th 3:00pm-6:00pm (JRN 3117) Lab
0404 **(33375)** McAdams, K.
Tu 10:00am-12:00pm (JRN 3102)
Th 6:00pm-9:00pm (JRN 3117) Lab
0501 **(33376)** McAdams, K.
Tu 10:00am-12:00pm (JRN 3102)
F 9:00am-12:00pm (JRN 3117) Lab
0502 **(33377)** McAdams, K.
Tu 10:00am-12:00pm (JRN 3102)
F 12:00pm-3:00pm (JRN 3117) Lab
0503 **(33378)** McAdams, K.
Tu 10:00am-12:00pm (JRN 3102)
F 3:00pm-6:00pm (JRN 3117) Lab

JOUR330 Public Relations Theory; (3) REG/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* Open to 0602F and 0601F majors and BMGT 0515A (PRL) and BMGT 05090 (MKT) only.
0101 **(32802)** Grunig, L.
TuTh 11:00am-12:15pm (JRN 1104)

JOUR331 Public Relations Techniques; (3) REG/P-F/AUD. *Prerequisites: JOUR 330; and grade of C or better in JOUR 202.* Majors only.
0101 **(32812)** Hagan, L.
Tu 12:00pm-2:00pm (JRN 3102)
Th 12:00pm-2:00pm (JRN 3102) Lab
0201 **(32813)** Hagan, L.
M 10:00am-12:00pm (JRN 3102)
W 10:00am-12:00pm (JRN 3102) Lab

JOUR332 Specialized Writing in Public Relations; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. Recommended: JOUR 330.*
0101 **(32823)** Rogers, C.
Tu 10:00am-12:00pm (JRN 3111)
Th 10:00am-12:00pm (JRN 3111) Lab

JOUR336 Supervised Internship - Public Relations; (3) REG/P-F/AUD. *Prerequisites: a grade of "C" or better in JOUR 201, JOUR 202, JOUR 330, and JOUR 331 and permission of department. For JOUR majors only.* Students who haven't identified an internship opportunity may register for the hold file. Dr. Stewart will then forward opportunities he receives for your review. However, identifying and securing the internship is the responsibility of the student. Being on the hold file does not constitute course registration. Students must pick up an internship agreement form in JRN 1118, have the internship supervisor fill it out, and meet with Dr. Stewart to receive permission to register. No requests to register after 9/15 will be honored. There are three mandatory sessions: The first session is either 9/16, 17 or 18 at 12:15 pm, the second session is Wed. 10/22 from 7-9 pm, and the final session is either 12/8, 9 or 10 at 12:15 pm, all in the Journalism Building, room 2116.
0101 **(32833)** Stewart, G.
TBA (JRN 2116)

JOUR341 Advertising Techniques; (3) REG/AUD. *Prerequisites: JOUR 340; and grade of C or better in JOUR 202.* Course is also scheduled to be offered during the summer. Check the summer Schedule of Classes for details.
0101 **(32843)** Zanot, E.
Tu 2:00pm-4:00pm (JRN 3111)
Th 2:00pm-4:00pm (JRN 3111) Lab

JOUR346 Supervised Internship - Advertising; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in JOUR 201, JOUR 202, JOUR 340, and either JOUR 341 or JOUR 342, and permission of department. For JOUR majors only.* Students who have not identified an internship opportunity may register on the hold file. Dr. Stewart will then forward opportunities he receives for your review. However, identifying and securing the internship is the responsibility of the student. Being on the hold file does not constitute course registration. Students must pick up an internship agreement form in JRN 1118, have the internship supervisor fill it out, and meet with Dr. Stewart to receive permission to register. No requests to register after 9/15 will be honored. There are three mandatory sessions: The first session is either 9/16, 17 or 18 at 12:15 pm; the second session is Monday, 10/20 from 7-9 pm, and the final session is either 12/8, 9 or 10 at 12:15 pm, all in the Journalism Building, room 2116.
0101 **(32863)** Stewart, G.
TBA (JRN 2116) Lab

JOUR360 Broadcast News I; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* Additional 3 hours per week required at WMUC.
0101 **(32873)** Holman, B.
W 11:00am-12:15pm (JRN 1105)
Tu 10:00am-12:00pm (JRN 3103) Lab
0102 **(32874)** Holman, B.
W 11:00am-12:15pm (JRN 1105)
Th 10:00am-12:00pm (JRN 3103) Lab

JOUR361 Broadcast News II; (3) REG/P-F/AUD. *Prerequisite: JOUR 360.*
0101 **(32884)** Thornton, L.
M 4:00pm-5:30pm (JRN 1105)
M 10:00am-4:00pm (JRN 3120) Lab
0102 **(32885)** Thornton, L.
M 4:00pm-5:30pm (JRN 1105)
Tu 10:00am-4:00pm (JRN 3120) Lab
0103 **(32886)** Thornton, L.
M 4:00pm-5:30pm (JRN 1105)
W 10:00am-4:00pm (JRN 3120) Lab

JOUR362 Broadcast News Management; (3) REG/P-F/AUD. *Prerequisite: JOUR 360.* Contact Chet Rhodes in 3114 JRN for details about enrolling in this course.
0101 **(32895)** Thornton, L.
TBA (JRN 3120)
TBA (JRN 3120) Lab
0201 **(32896)** Pascual, P.
TBA (JRN 3120)
TBA (JRN 3120) Lab

JOUR365 Theory of Broadcast Journalism; (3) REG/P-F/AUD. Offered fall only. Limited to students with major codes of 0601B, 0602B and 06010.
0101 **(32906)** Ferguson, M.
TuTh 2:00pm-3:15pm (JRN 1104)

JOUR366 Supervised Internship - Broadcast News; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in JOUR 201, JOUR 202, and JOUR 360 and permission of department. Recommended: JOUR 361 for television internship. For JOUR majors only.* Students who have not identified an internship opportunity may register on the hold file. Dr. Stewart will then forward opportunities he receives for your review. However, identifying and securing an internship is the responsibility of the student. Being on the hold file does not constitute course registration. Students must pick up an internship agreement form in JRN 1118, have the internship supervisor fill it out, and meet with Dr. Stewart to receive permission to register. No requests to register after 9/15 will be honored. There are three mandatory sessions: the first is either 9/16, 17 or 18 at 12:15 pm, the second is Tuesday 10/21 from 7-9 pm, and the final session is either 12/8, 9 or 10 at 12:15 pm, all in the Journalism Building, room 2116.
0101 **(32916)** Stewart, G.
TBA (JRN 2116)

JOUR371 Magazine Article and Feature Writing; (3) REG/P-F/AUD. *Prerequisite: JOUR 320.* Majors only.
0101 **(32926)** Barkin, S.
W 2:00pm-5:00pm (JRN 3103)
0201 **(32927)** STAFF
M 2:00pm-5:00pm (JRN 3103)

JOUR373 Graphics; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 202.* Due to JOUR 373 being a required course for JOUR 0601C, 0602C, 0601D, and 0602D majors, all other JOUR majors may register on the hold file for available seats. Scheduling of this course will be finalized once instructor availability is identified. Students are encouraged to register on the waitlist to be apprised of updated scheduling information.
0101 **(32936)** Lawrence, J.
TBA (JRN 3102)

JOUR374 Magazine Production; (3) REG/P-F/AUD. *Prerequisites: JOUR 371; and JOUR 373.* JOUR 374 will count toward news and magazine majors' 321/323 requirement.
0101 **(32947)** Rieder, J.
Tu 6:00pm-9:00pm (JRN 3111)

JOUR398 *(PermReq)* **Independent Study; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

JOUR400 Law of Mass Communication; (3) REG/P-F/AUD. *Junior standing.* Restricted to students having earned at least 53 credits. JOUR 400 is also offered during the summer. For more information consult the summer Schedule of Classes.
0101 **(32980)** Sullivan, M.
Tu 5:00pm-7:45pm (JMZ 0220)
Undergraduate students must register for section 0101.

0201 **(32981)** Sullivan, M.
Tu 5:00pm-7:45pm (JMZ 0220)
Graduate and Advanced Special Students must register for section 0201.

JOUR450 Mass Media in Society; (3) REG/P-F/AUD. *Junior standing.*
0101 **(32991)** Hiebert, R.
TuTh 9:30am-10:45am (JRN 1104)

JOUR451 Advertising and Society; (3) REG/P-F/AUD. *Junior standing.* Both majors and non-majors are invited to enroll in this course to learn about the impact of advertising on society. JOUR 451 is also tentatively offered this summer. Consult the summer Schedule of Classes. JOUR 451 will satisfy JOUR 410-480 electives, and non-JOUR CORE advanced studies.
0101 **(33001)** Zanot, E.
TuTh 11:00am-12:15pm (JRN 1105)

JOUR459U Special Topics in Mass Communication: Media Economics; (3) REG/P-F/AUD.
0101 **(33011)** Gomery, D.
MW 3:30pm-4:45pm (JRN 1104)

JOUR459W Special Topics in Mass Communication: Foreign Policy and the Media in the Global Village; (3) REG/P-F/AUD.
0101 **(33021)** Carter, H.
W 4:15pm-7:00pm (JRN 1105)

JOUR462 *(PermReq)* **Professional Seminar in Public Affairs Reporting; (3)** REG/P-F/AUD. *Prerequisite: permission of department.* Contact Dean Callahan in 1119 for more information. Students must be coenrolled in JOUR 325.
0101 **(33031)** Carter, H.
M 9:00am-12:00pm (JRN 1105)

JOUR477 Mass Communication Research; (3) REG/P-F/AUD. *Prerequisite: MATH 110 or equivalent; students are encouraged to have completed the theory and technique courses in their major sequence.* Restricted to students having earned at least 53 credits.
0101 **(33041)** STAFF
MW 2:00pm-3:15pm (JRN 1104)

JOUR481 Writing the Complex Story; (3) REG/P-F/AUD. *Pre- or corequisite: JOUR 371.* Junior standing.
0101 **(33051)** Robertson, N.
TuTh 2:00pm-3:15pm (EDU 1210B)

JOUR483 Senior Seminar in Public Relations; (3) REG/P-F/AUD. *Prerequisite: JOUR 331; and JOUR 477.*
0101 **(33061)** Rogers, C.
TuTh 3:30pm-4:45pm (JRN 1104)

JOUR484 Advertising Campaigns; (3) REG/P-F/AUD. *Prerequisite: JOUR 341; and JOUR 342.* All sessions meet in JRN 1116 except for 10/22 which meets in 1104 JRN.
0101 **(33071)** STAFF
W 7:00pm-10:00pm (JRN 1104)

JOUR486 *(PermReq)* **Advanced Television Journalism; (3)** REG/P-F/AUD. *Prerequisite: JOUR 361 or permission of department.*
0101 **(33081)** Thornton, L.
W 2:00pm-4:00pm (JRN 3102)
Time and room to be arranged Lab

JOUR501 *(PermReq)* **Fundamentals of Writing and Editing; (3)** REG/AUD. *Prerequisite: permission of department.* JOUR 501 is also offered during the summer. Once the Summer Schedule of Classes is issued, review it for registration information.
0101 **(33091)** Stepp, C.
Tu 2:00pm-4:00pm (JRN 3102)
Th 2:00pm-4:00pm (JRN 3102) Lab
0201 **(33092)** STAFF
M 7:30pm-9:30pm (JRN 3111)
W 7:30pm-9:30pm (JRN 3111) Lab

JOUR530 Public Relations Theory and Techniques for Graduate Students; (3) REG. *Pre- or corequisite: JOUR 501.*
0101 **(33102)** McAdams, K.
TuTh 4:00pm-6:00pm (JRN 3102)

JOUR600 *(PermReq)* **Research Methods in Mass Communication; (3)** REG/AUD. *Prerequisite: permission of department.* Public Affairs Reporting students must register for section 0201. All other graduate students must register for section 0101. Due to sabbatical schedules, JOUR 600 0101 is being offered in the summer 1997 and in the spring 1998.
0201 **(33112)** Loeb, P.
MW 7:00pm-10:00pm (EGR 3140)

JOUR601 *(PermReq)* **Theories of Mass Communication; (3)** REG/AUD. *Prerequisite: permission of department.* JOUR 601 is also offered during the 1997 summer session. Get a head-start on your graduate program and check out the summer Schedule of Classes.
0101 **(33122)** Barkin, S.
M 4:15pm-7:00pm (KEY 0120)
0201 **(33123)** Gurevitch, M.
Tu 9:00am-12:00pm (LEF 1220)

JOUR620 *(PermReq)* **Seminar in Public Affairs Reporting; (3)** REG/AUD. *Prerequisite: JOUR 320.*
0101 **(33133)** Stepp, C.
W 9:00am-12:00pm (EDU 1210B)

JOUR622 *(PermReq)* **Explanatory Writing; (3)** REG/AUD. *Prerequisite: JOUR 502 or equivalent, and permission of department.*
0101 **(33143)** Robertson, N.
TuTh 2:00pm-3:15pm (EDU 1210B)

JOUR630 Seminar in Public Relations Management; (3) REG/AUD. All sessions meet in JRN 1116 except for 10/22 which meets in 1104.
0101 **(33153)** Grunig, L.
W 9:00am-12:00pm (ARC 1123)

JOUR631 Seminar in Public Relations Publics; (3) REG/AUD.
0101 **(33163)** Grunig, J.
Th 9:00am-12:00pm (LEF 1220)

JOUR632 Research Design in Public Relations; (3) REG/AUD.
0101 **(33173)** Grunig, L.
W 4:15pm-7:00pm (KEY 0103)

JOUR633 Global Public Relations; (3) REG.
0101 **(33183)** Grunig, J.
F 1:00pm-4:00pm (JRN 1104)

JOUR698 *(PermReq)* **Special Problems in Communication; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR700 *(PermReq)* **Introduction to Doctoral Study in Mass Communication; (3)** REG/AUD. *Prerequisite: admission to Ph.D. program in mass communication.* Restricted to and required for all new doctoral matriculants.
0101 **(33215)** Ferguson, M.
Tu 9:00am-12:00pm (EDU 1210B)

JOUR720 Seminar in Government and Mass Communication; (3) REG/AUD.
0101 **(33225)** Gurevitch, M.
M 3:00pm-6:00pm (KEY 0124)

JOUR728 Topics in Public Affairs Reporting: Problems in Reporting; (3) REG/AUD. This course is tied into the off-campus reporting bureau experience. Contact instructor for more information.
0101 **(33235)** Carter, H.
M 9:00am-12:00pm (JRN 1105)

JOUR729 Reporting from Annapolis and Washington; (6) REG/AUD. Students must be coenrolled in JOUR 728. For more information, contact Assistant Dean Callahan in JRN 1119.
0101 **(33245)** Ricchiardi-Folwell, S.
Time and room to be arranged Lab
0201 **(33246)** Fibich, L.
Time and room to be arranged Lab

JOUR730 Seminar in Comparative Mass Communication; (3) REG/AUD.
0101 **(33256)** Hiebert, R.
Tu 2:00pm-5:00pm (JMZ 2120)

JOUR768 Topics in Broadcasting and Electronic Media: Changing Media Industries; (3) REG/AUD.
0101 **(33266)** Gomery, D.
M 6:00pm-9:00pm (TYD 2108)

JOUR798 *(PermReq)* **Masters Professional Fieldwork; (2-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

JOUR888 Doctoral Practicum in Mass Communication; (3-9) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR889 Doctoral Tutorial in Mass Communication; (3-9) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR899 Doctoral Dissertation Research in Mass Communication; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

JWST Jewish Studies
(Arts and Humanities)

JWST141 American Jewish Experience; (3) REG/P-F/AUD. CORE: SH *Also offered as HIST 106. Credit will be granted for only one of the following: JWST 141 or HIST 106.*
0101 **(51797)** Strauss, L.
MW 2:00pm-3:15pm (KEY 0116)

JWST164 *(PermReq)* **Reading the Bible: An Introduction to Critical Methods; (3)** REG/P-F/AUD. CORE: HL *Prerequisite: permission of department.* Also offered as HONR 258I.
0101 **(33429)** Knobloch, F.
TuTh 11:00am-12:15pm (ANA 0103)

JWST171 The Modern Jewish Experience Through Literature; (3) REG/P-F/AUD. CORE: HL DIVERSITY Also offered as HONR 258J.
0101 **(33439)** Berlin, G.
W 3:00pm-5:00pm (JMZ 2125)
Time and room to be arranged Dis

JWST219C Special Topics in Jewish Studies: Women in Yiddish Culture; (3) REG/P-F/AUD. Also offered as WMST 298A.
0101 **(33449)** Isaacs, M.
TuTh 2:00pm-3:15pm (PLS 1113)

JWST219D Special Topics in Jewish Studies: The Jew and the City; (3) REG/P-F/AUD. CORE: SH DIVERSITY Also offered as HIST 219I.
0101 **(33459)** Cooperman, B.
MWF 11:00am-11:50am (ZOP 2283)

JWST227 The Civilization of Ancient Mesopotamia; (3) REG/P-F/AUD. Also offered as HIST 219B.
0101 **(33469)** Cohen, M.
MW 12:30pm-1:45pm (SKN 0104)

JWST234 History of the Jewish People I; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as HIST 282. Credit will be granted for only one of the following: JWST 234 or HIST 282.*
0101 **(33479)** Lapin, H.
MW 12:00pm-12:50pm (JMZ 0220)
M 10:00am-10:50am (TLF 2101) Dis
0102 **(33480)** Lapin, H.
MW 12:00pm-12:50pm (JMZ 0220)
M 2:00pm-2:50pm (SQH 1123) Dis
0103 **(33481)** Lapin, H.
MW 12:00pm-12:50pm (JMZ 0220)
Tu 12:00pm-12:50pm (ARM 0103) Dis
0104 **(33482)** Lapin, H.
MW 12:00pm-12:50pm (JMZ 0220)
Tu 2:00pm-2:50pm (EGR 0102) Dis
0105 **(33483)** Lapin, H.
MW 12:00pm-12:50pm (JMZ 0220)
W 9:00am-9:50am (HBK 1112) Dis
0106 **(33484)** Lapin, H.
MW 12:00pm-12:50pm (JMZ 0220)
W 2:00pm-2:50pm (JMZ 3203) Dis
0107 **(33485)** Lapin, H.
MW 12:00pm-12:50pm (JMZ 0220)
Th 10:00am-10:50am (EGR 3114) Dis
0108 **(33486)** Lapin, H.
MW 12:00pm-12:50pm (JMZ 0220)
Th 1:00pm-1:50pm (ARC 1103) Dis

JWST263 Hebrew Bible: Poetry and Rhetoric; (3) REG/P-F/AUD. CORE: HL *Not open to students who have completed HEBR 224. Formerly HEBR 224.*
0101 **(33496)** Knobloch, F.
TuTh 2:00pm-3:15pm (WDS 1127)

JWST281 Yiddish I; (3) REG/P-F/AUD. *Also offered as GERM 148Y. Not open to students who have completed GERM 148Y.*
0101 **(33506)** Isaacs, M.
TuTh 9:30am-10:45am (JMZ 1224)

JWST309 Research Seminar in Jewish Studies: Biblical Studies; (3) REG/P-F/AUD.
0101 **(33516)** Knobloch, F.
W 4:00pm-6:30pm (KEY 0124)

JWST419D Special Topics in Jewish Studies: The Jews of Spain; (3) REG/P-F/AUD. Also offered as HIST 418B.
0101 **(33526)** Cooperman, B.
MW 2:00pm-3:15pm (KEY 0126)

JWST452 The Golden Age of Jewish Philosophy; (3) REG/P-F/AUD. *Prerequisite: three credits in Philosophy or permission of department. Also offered as PHIL 417. Not open to students who have completed PHIL 417. Credit will be granted for only one of the following: JWST 452 or PHIL 417.*
0101 **(33536)** Manekin, C.
Meets 09/03/97-11/17/97
MW 11:00am-1:00pm (ZOP 1238)

JWST499 *(PermReq)* **Independent Study in Jewish Studies; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

KNES Kinesiology
(Health and Human Performance)

KNES100O Physical Education Activities: Men: Basketball (Intermediate); (2) REG/P-F.
0001 **(33596)** STAFF
MW 1:00pm-3:00pm (HHP 2240) Lab
0002 **(33597)** STAFF
TuTh 3:00pm-5:00pm (HHP 2240) Lab
0003 **(33598)** STAFF
MW 10:00am-12:00pm (HHP 2240) Lab
0004 **(33599)** STAFF
TuTh 1:00pm-3:00pm (HHP 2240) Lab

KNES100P Physical Education Activities: Men: Basketball (Advanced); (2) REG/P-F.
0001 **(33609)** STAFF
MW 3:00pm-5:00pm (HHP 2240) Lab

KNES131V Physical Education Activities: Coed: Jogging; (2) REG/P-F.
0001 **(33619)** STAFF
MW 12:00pm-2:00pm (HHP 2101) Lab
0002 **(33620)** STAFF
TuTh 1:00pm-3:00pm (HHP 2101) Lab

KNES132N Physical Education Activities: Coed: Badminton, (Beginning); (1) REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 9/2 - 9/8 Students are expected to attend classes beginning 9/2/97.
0001 **(33630)** STAFF
Meets 09/02/97-10/17/97
MW 1:00pm-3:00pm (HHP 2101) Lab

KNES134N Physical Education Activities: Coed: Bowling (Beginning); (2) REG/P-F. Students must pay a $35.00 facility fee. Bowling shoes required. Shoes may be rented on a day to day basis.
0001 **(33640)** STAFF
MW 2:00pm-4:00pm (SSU B0100) Lab
0002 **(33641)** STAFF
MW 10:00am-12:00pm (SSU B0100) Lab
0003 **(33642)** STAFF
TuTh 12:00pm-2:00pm (SSU B0100) Lab

KNES134O Physical Education Activities: Coed: Bowling (Intermediate); (2) REG/P-F. Students must pay a $35.00 facility fee. Bowling shoes required. Shoes may be rented on a day to day basis.
0001 **(33652)** STAFF
MW 12:00pm-2:00pm (SSU B0100) Lab
0002 **(33653)** STAFF
TuTh 2:00pm-4:00pm (SSU B0100) Lab

KNES136N Physical Education Activities: Coed: Fencing (Beginning); (1) REG/P-F. Meets second eight weeks only. Schedule Adjustment Period is 10/20 - 10/24. Students are expected to attend classes beginning 10/20/97.
0001 **(33663)** STAFF
Meets 10/20/97-12/12/97
MW 12:00pm-2:00pm (HHP 0107) Lab

KNES137N Physical Education Activities: Coed: Golf (Beginning); (1) REG/P-F. Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/2 - 9/8. Students are expected to attend classes beginning 9/2/97. Students must pay a $25.00 facility fee.
0001 **(33673)** STAFF
Meets 09/02/97-10/17/97
MW 10:00am-12:00pm (GLF 1102) Lab
0002 **(33674)** STAFF
Meets 09/02/97-10/17/97
TuTh 8:00am-10:00am (GLF 1102) Lab
0003 **(33675)** STAFF
Meets 09/02/97-10/17/97
TuTh 10:00am-12:00pm (GLF 1102) Lab

KNES137O Physical Education Activities: Coed: Golf (Intermediate); (1) REG/P-F. Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/2 - 9/8. Students are expected to attend classes beginning 9/2/97. Students must pay a $25.00 facility fee.
0001 **(33685)** STAFF
Meets 09/02/97-10/17/97
MW 1:00pm-3:00pm (GLF 1102) Lab

KNES137P Physical Education Activities: Coed: Golf (Advanced); (1) REG/P-F. Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/2 - 9/8. Students are expected to attend classes beginning 9/2/97. Students must pay a $25.00 facility fee.
0001 **(33695)** STAFF
Meets 09/02/97-10/17/97
MW 8:00am-10:00am (GLF 1102) Lab

KNES140V Physical Education Activities: Coed: Gymnastics, Tumbling and Balancing (Beginning); (2) REG/P-F.
0001 **(33705)** STAFF
TuTh 1:00pm-3:00pm (HHP 1120) Lab

KNES144Q Physical Education Activities: Coed: Martial Arts, Karate (Beginning); (2) REG/P-F.
0001 **(33715)** STAFF
MW 8:00am-10:00am (HHP 0107) Lab
0002 **(33716)** STAFF
MW 10:00am-12:00pm (HHP 0107) Lab
0003 **(33717)** STAFF
MW 2:00pm-4:00pm (HHP 0107) Lab

KNES144R Physical Education Activities: Coed: Martial Arts and Karate (Intermediate); (2) REG/P-F.
0001 **(33727)** STAFF
TuTh 10:00am-12:00pm (HHP 0107) Lab

KNES144T Physical Education Activities: Coed: Martial Arts, Self Defense; (2) REG/P-F.
0001 **(33737)** STAFF
TuTh 7:00pm-9:00pm (HHP 0107)
0002 **(33738)** STAFF
TuTh 12:00pm-2:00pm (HHP 0107)

KNES146N Physical Education Activities: Coed: Racquetball (Beginning); (1) REG/P-F. Students must provide protective eye wear.
0001 **(33748)** STAFF
MWF 9:00am-9:50am (HHP 0222) Lab
0002 **(33749)** STAFF
MWF 1:00pm-1:50pm (HHP 0222) Lab
0003 **(33750)** STAFF
MWF 3:00pm-3:50pm (HHP 0222) Lab
0004 **(33751)** STAFF
TuTh 2:00pm-3:15pm (HHP 0222) Lab

KNES146O Physical Education Activities: Coed: Racquetball (Intermediate); (1) REG/P-F. Students must provide protective eye wear.
0001 **(33761)** STAFF
TuTh 3:00pm-4:15pm (HHP 0222) Lab

KNES147N Physical Education Activities: Coed: Scuba (Beginning); (2) REG/P-F.
0001 **(33771)** Landers, R.
MWF 8:00am-8:50am (COL 0113)
MWF 8:00am-8:50am (COL 1206) Lab
0002 **(33772)** Landers, R.
TuTh 8:00am-9:15am (COL 0113)
TuTh 8:00am-9:15am (COL 1206) Lab
0003 **(33773)** Landers, R.
TuTh 10:00am-11:15am (COL 0113)
TuTh 10:00am-11:15am (COL 1206) Lab

KNES152N Physical Education Activities: Coed: Soccer (Beginning); (1) REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 9/2 - 9/8. Students are expected to attend classes beginning 9/2/97.
0001 **(33783)** STAFF
Meets 09/02/97-10/17/97
MW 1:00pm-3:00pm (HHP 2240) Lab

KNES154N Physical Education Activities: Coed: Swimming (Beginning); (1) REG/P-F. Section 0001 is strictly for non-swimmers.
0001 **(33793)** STAFF
MWF 12:00pm-12:50pm (PKT 1112) Lab

KNES154O Physical Education Activities: Coed: Swimming (Intermediate); (1) REG/P-F.
0001 **(33803)** STAFF
TuTh 1:00pm-2:15pm (COL 1206) Lab

KNES154P Physical Education Activities: Coed: Swimming (Advanced); (2) REG/P-F.
0001 **(33813)** STAFF
MW 9:00am-11:00am (COL 1206) Lab

KNES154T Physical Education Activities: Coed: Swimming, Fitness (Beginning); (1) REG/P-F.
0001 **(33823)** STAFF
MWF 1:00pm-1:50pm (COL 1206) Lab

KNES154U Physical Education Activities: Coed: Swimming, Fitness (Intermediate); (1) REG/P-F.
0001 **(33833)** STAFF
MWF 2:00pm-2:50pm (PKT 1112) Lab

KNES154W Physical Education Activities: Coed: Swimming/ Lifeguard Training; (2) REG/P-F. Advanced swimming ability is a prerequisite. Schedule adjustment period is 9/2 - 9/8.
0001 **(33843)** STAFF
MW 10:00am-12:00pm (PKT 1112) Lab

KNES155N Physical Education Activities: Coed: Tennis (Beginning); (1) REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 9/2 - 9/8. Students are expected to attend classes beginning 9/2/97.
0001 **(33853)** STAFF
Meets 09/02/97-10/17/97
MW 1:00pm-3:00pm (HHP 2240) Lab
0002 **(33854)** STAFF
Meets 09/02/97-10/17/97
MW 8:00am-10:00am (COL 1100) Lab
0003 **(33855)** STAFF
Meets 09/02/97-10/17/97
TuTh 1:00pm-3:00pm (HHP 2240) Lab
0004 **(33856)** STAFF
Meets 09/02/97-10/17/97
MW 10:00am-12:00pm (HHP 2240) Lab
0005 **(33857)** STAFF
Meets 09/02/97-10/17/97
MW 1:00pm-3:00pm (COL 1100) Lab
0006 **(33858)** STAFF
Meets 09/02/97-10/17/97
TuTh 10:00am-12:00pm (COL 1100) Lab
0007 **(33859)** STAFF
Meets 09/02/97-10/17/97
TuTh 8:00am-10:00am (COL 1100) Lab

KNES155O Physical Education Activities: Coed: Tennis (Intermediate); (1) REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 9/2 - 9/8. Students are expected to attend classes beginning 9/2/97.
0001 **(33869)** STAFF
Meets 09/02/97-10/17/97
MW 10:00am-12:00pm (COL 1100) Lab
0002 **(33870)** STAFF
Meets 09/02/97-10/17/97
TuTh 1:00pm-3:00pm (COL 1100) Lab
0003 **(33871)** STAFF
Meets 09/02/97-10/17/97
TuTh 8:00am-10:00am (HHP 2240) Lab

KNES155P Physical Education Activities: Coed: Tennis (Advanced); (1) REG/P-F. Meets first eight weeks only. Section 0001 includes tournament preparation/advanced drills. Schedule Adjustment Period is 9/2 - 9/8. Students are expected to attend classes beginning 9/2/97.
0001 **(33881)** STAFF
Meets 09/02/97-10/17/97
TuTh 10:00am-12:00pm (HHP 2240) Lab

KNES157N Physical Education Activities: Coed: Weight Training (Beginning); (1) REG/P-F.
0001 **(33891)** STAFF
MWF 8:00am-8:50am (HHP 0103) Lab
0002 **(33892)** STAFF
MW 2:00pm-3:15pm (HHP 0103) Lab
0003 **(33893)** STAFF
MWF 10:00am-10:50am (HHP 0103) Lab
0004 **(33894)** STAFF
MWF 1:00pm-1:50pm (HHP 0103) Lab
0005 **(33895)** STAFF
TuTh 4:00pm-5:15pm (HHP 0103) Lab
0006 **(33896)** STAFF
MW 3:00pm-4:15pm (HHP 0103) Lab
0007 **(33897)** STAFF
MW 4:00pm-5:15pm (HHP 0103) Lab
0008 **(33898)** STAFF
TuTh 8:00am-9:15am (HHP 0103) Lab
0009 **(33899)** STAFF
TuTh 11:00am-12:15pm (HHP 0103) Lab
0010 **(33900)** STAFF
TuTh 3:00pm-4:15pm (HHP 0103) Lab

KNES157O Physical Education Activities: Coed: Weight Training (Intermediate); (1) REG/P-F.
0001 **(33910)** STAFF
MWF 11:00am-11:50am (HHP 0103) Lab
0002 **(33911)** STAFF
MWF 12:00pm-12:50pm (HHP 0103) Lab
0003 **(33912)** STAFF
TuTh 12:00pm-1:15pm (HHP 0103) Lab
0004 **(33913)** STAFF
MWF 9:00am-9:50am (HHP 0103) Lab

KNES157P Physical Education Activities: Coed: Weight Training (Advanced); (1) REG/P-F.
0001 **(33923)** STAFF
TuTh 9:00am-10:15am (HHP 0103) Lab
0002 **(33924)** STAFF
TuTh 10:00am-11:15am (HHP 0103) Lab

KNES157Q Physical Education Activities: Coed: Body Building; (1) REG/P-F.
0001 **(33934)** STAFF
TuTh 1:00pm-2:15pm (HHP 0103) Lab
0002 **(33935)** STAFF
TuTh 2:00pm-3:15pm (HHP 0103) Lab

KNES160N Physical Education Activities: Coed: Volleyball (Beginning); (1) REG/P-F. Meets second eight weeks only. Schedule Adjustment Period is 10/20 - 10/24. Students are expected to attend classes beginning 10/20/97.
0001 **(33945)** STAFF
Meets 10/20/97-12/12/97
MW 10:00am-12:00pm (HHP 2101) Lab
0002 **(33946)** STAFF
Meets 10/20/97-12/12/97
MW 8:00am-10:00am (HHP 2101) Lab

KNES160O Physical Education Activities: Coed: Volleyball (Intermediate); (1) REG/P-F. Meets second eight weeks only. Schedule Adjustment Period is 10/20 - 10/24. Students are expected to attend classes beginning 10/20/97.
0001 **(33956)** STAFF
Meets 10/20/97-12/12/97
MW 1:00pm-3:00pm (HHP 2101) Lab
0002 **(33957)** STAFF
Meets 10/20/97-12/12/97
TuTh 3:00pm-5:00pm (HHP 2101) Lab

KNES160P Physical Education Activities: Coed: Volleyball (Advanced); (2) REG/P-F.
0001 **(33967)** STAFF
MW 3:00pm-5:00pm (HHP 2101) Lab

KNES161Q Physical Education Activities: Coed: Conditioning (Aerobic Dance-Beginning); (2) REG/P-F.
0001 **(33977)** STAFF
TuTh 12:00pm-2:00pm (HHP 0102) Lab

KNES161R Physical Education Activities: Coed: Conditioning (Step Aerobics-Beginning); (2) REG/P-F.
0001 **(33987)** STAFF
TuTh 4:00pm-6:00pm (HHP 0102) Lab
0002 **(33988)** STAFF
MW 10:00am-12:00pm (HHP 0102) Lab
0003 **(33989)** STAFF
TuTh 2:00pm-4:00pm (HHP 0102) Lab
0004 **(33990)** STAFF
TuTh 7:00pm-9:00pm (HHP 0102) Lab

KNES161S Physical Education Activities: Coed: Conditioning (Aerobic Dance-Intermediate); (2) REG/P-F.
0001 **(34000)** STAFF
MW 2:00pm-4:00pm (HHP 0102) Lab

KNES161V Physical Education Activities: Coed: Conditioning (Step Aerobics-Intermediate); (2) REG/P-F.
0001 **(34010)** STAFF
MW 12:00pm-2:00pm (HHP 0102) Lab
0002 **(34011)** STAFF
TuTh 10:00am-12:00pm (HHP 0102) Lab

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PHYSICAL EDUCATION PROFESSIONAL COURSES

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KNES180 Foundations of Physical Education; (2) REG/P-F/AUD. *Formerly PHED 180.* Course is offered in the fall semester only.
0101 **(34021)** Drum, B.
MW 12:00pm-1:00pm (HHP 1301)

KNES183 Movement Content for Elementary School Children; (3) REG/P-F/AUD. *Formerly PHED 183.*
0101 **(34031)** Owens, L.
TuTh 10:00am-12:00pm (HHP 2240)

KNES200 Gymnastics Skills Laboratory; (2) REG/P-F/AUD. *Formerly PHED 200.* Course is offered in the Fall semester only.
0101 **(34041)** Montfort, J.
MW 1:00pm-3:00pm (HHP 1120) Lab

KNES204 Basketball Skills Laboratory; (1) REG/P-F. *Formerly PHED 204.* Meets second eight weeks only. Schedule Adjustment Period is 10/20 - 10/24. Students are expected to attend classes beginning 10/20/97.
0101 **(34051)** STAFF
Meets 10/20/97-12/12/97
MW 8:00am-10:00am (HHP 2240) Lab

KNES220 Track and Field Skills Laboratory; (1) REG/P-F. *Formerly PHED 220.* Meets first eight weeks only. Schedule Adjustment Period is 9/2 - 9/8. Students are expected to attend classes beginning 9/2/97. Course is offered in the fall semester only.
0101 **(34061)** Loftus, S.
Meets 09/02/97-10/17/97
MW 8:00am-10:00am (HHP 2240)
MW 8:00am-9:00am (HHP 0306) Lab

KNES240 Exploring Cultural Diversity Through Movement; (3) REG/P-F/AUD. DIVERSITY
0101 **(34071)** Scott, M.
MWF 11:00am-11:50am (HHP 0306)

KNES260 Science of Physical Activity and Cardiovascular Health; (3) REG/P-F/AUD. CORE: LS
0101 **(34081)** Hagberg, J.
MWF 10:00am-11:00am (HHP 0302)
M 12:00pm-12:50pm (HHP 0305) Lab
0102 **(34082)** Hagberg, J.
MWF 10:00am-11:00am (HHP 0302)
W 12:00pm-12:50pm (HHP 0305) Lab
0103 **(34083)** Hagberg, J.
MWF 10:00am-11:00am (HHP 0302)
Tu 12:30pm-1:30pm (HHP 0301) Lab

KNES262 Philosophy of Sport; (3) REG/P-F/AUD. CORE: HO *Not open to students who have completed KNES 362. Credit will be granted for only one of the following: KNES 262 or KNES 362. Formerly KNES 362.* Majors only.
0101 **(34093)** STAFF
MWF 8:00am-8:50am (HHP 1301)
0201 **(34094)** STAFF
MWF 9:00am-9:50am (HHP 0306)

KNES287 Sport and American Society; (3) REG/P-F/AUD. *Formerly PHED 287.*
0101 **(34104)** Vander Velden, L.
MWF 10:00am-10:50am (HHP 1312)

KNES289 *(PermReq)* **Topical Investigations; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

KNES293 History of Sport in America; (3) REG/P-F/AUD. CORE: SH *Formerly PHED 293.*
0101 **(34115)** Struna, N.
TuTh 9:45am-10:45am (HHP 1312)
Tu 8:00am-8:50am (HHP 0306) Lab
0102 **(34116)** Struna, N.
TuTh 9:45am-10:45am (HHP 1312)
Tu 8:55am-9:40am (HHP 0306) Lab
0103 **(34117)** Struna, N.
TuTh 9:45am-10:45am (HHP 1312)
Th 8:00am-8:50am (HHP 0306) Lab
0104 **(34118)** Struna, N.
TuTh 9:45am-10:45am (HHP 1312)
Th 8:55am-9:40am (HHP 0306) Lab
0105 **(34119)** Struna, N.
TuTh 9:45am-10:45am (HHP 1312)
M 2:00pm-2:50pm (HHP 0306) Lab
0106 **(34120)** Struna, N.
TuTh 9:45am-10:45am (HHP 1312)
M 3:00pm-3:50pm (HHP 0306) Lab
0107 **(34121)** Struna, N.
TuTh 9:45am-10:45am (HHP 1312)
Tu 8:55am-9:40am (HHP 0302) Lab
0108 **(34122)** Struna, N.
TuTh 9:45am-10:45am (HHP 1312)
Th 8:55am-9:40am (HHP 0302) Lab

KNES300 Biomechanics of Human Motion; (4) REG/P-F/AUD. *Prerequisites: ZOOL 201; and ZOOL 202. Formerly PHED 300.*
0101 **(34130)** Phillips, S.
TuTh 9:30am-10:45am (HHP 1301)
Tu 11:00am-12:30pm (HHP 0305) Lab
0102 **(34131)** Phillips, S.
TuTh 9:30am-10:45am (HHP 1301)
Th 11:00am-12:30pm (HHP 0305) Lab
0103 **(34132)** Phillips, S.
TuTh 9:30am-10:45am (HHP 1301)
Tu 12:30pm-2:00pm (HHP 0303) Lab
0104 **(34133)** Phillips, S.
TuTh 9:30am-10:45am (HHP 1301)
Th 12:30pm-2:00pm (HHP 1303) Lab

KNES335 Swimming Pool Management; (2) REG/P-F/AUD. *Formerly PHED 335.*
0101 **(34143)** Wenhold, J.
TuTh 9:00am-9:50am (COL 0113)

KNES340 Theory of Coaching Athletics; (2) REG/P-F/AUD. *Formerly PHED 340.*
0101 **(34153)** Drum, B.
MW 9:00am-9:50am (HHP 1301)

KNES350 The Psychology of Sports; (3) REG/P-F/AUD. *Formerly PHED 350.*
0101 **(34163)** Steel, D.
W 4:00pm-6:30pm (HHP 1301)
0201 **(34164)** Steel, D.
MW 10:00am-11:15am (HHP 1303)
0301 **(34165)** Brown, E.
TuTh 12:30pm-1:45pm (HHP 0302)

KNES360 Physiology of Exercise; (3) REG/P-F/AUD. *Prerequisites: {ZOOL 201; and ZOOL 202}; or permission of department. Formerly PHED 360.*
0101 **(34175)** STAFF
Tu 12:30pm-2:30pm (HHP 1303)
Th 8:00am-9:20am (HHP 2132) Lab
0102 **(34176)** STAFF
Tu 12:30pm-2:30pm (HHP 1303)
Th 9:30am-10:50am (HHP 2132) Lab
0103 **(34177)** STAFF
Tu 12:30pm-2:30pm (HHP 1303)
Th 11:00am-12:20pm (HHP 2132) Lab
0104 **(34178)** STAFF
Tu 12:30pm-2:30pm (HHP 1303)
Th 12:30pm-1:50pm (HHP 0303) Lab

KNES370 Motor Development; (3) REG/P-F/AUD. *Formerly PHED 370.* Course is offered in the fall semester only.
0101 **(34188)** Clark, J.
W 7:00pm-9:30pm (HHP 1312)
W 6:00pm-7:00pm (HHP 0306) Lab
0102 **(34189)** Clark, J.
W 7:00pm-9:30pm (HHP 1312)
W 12:00pm-1:00pm (HHP 1303) Lab
0103 **(34190)** Clark, J.
W 7:00pm-9:30pm (HHP 1312)
W 1:00pm-2:00pm (HHP 1303) Lab
0104 **(34191)** Clark, J.
W 7:00pm-9:30pm (HHP 1312)
W 5:00pm-6:00pm (HHP 0306) Lab

KNES381 Prevention and Care of Athletic Injuries; (3) REG/P-F/AUD. *Prerequisites: ZOOL 201; and ZOOL 202. Formerly PHED 381.* Course is offered in the fall semester only.
0101 **(34201)** Bush, J.
MW 9:00am-9:50am (HHP 1303)
F 9:00am-9:50am (HHP 1303) Lab
0102 **(34202)** Bush, J.
MW 9:00am-9:50am (HHP 1303)
F 8:00am-8:50am (HHP 1302) Lab

KNES385 Motor Learning and Skilled Performance; (3) REG/P-F/AUD. *Formerly PHED 385.*
0101 **(34212)** Jeka, J.
M 7:00pm-9:30pm (HHP 1312)
M 4:00pm-5:00pm (HHP 0306) Lab
0102 **(34213)** Jeka, J.
M 7:00pm-9:30pm (HHP 1312)
M 5:00pm-6:00pm (HHP 0306) Lab
0103 **(34214)** Jeka, J.
M 7:00pm-9:30pm (HHP 1312)
M 6:00pm-7:00pm (HHP 0306) Lab
0104 **(34215)** Jeka, J.
M 7:00pm-9:30pm (HHP 1312)
M 1:00pm-2:00pm (HHP 0306) Lab

KNES389 *(PermReq)* **Topical Investigations; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor and department.

KNES389E Topical Investigations: Children's Development Clinic; (1) REG/P-F/AUD.
0101 **(34226)** Hahn, P.
Sa 8:30am-12:30pm (HHP 0103)

KNES389K *(PermReq)* **Topical Investigations: Kinesiological Science Option; (3)** REG.
0101 **(34236)** Wrenn, J.
Time and room to be arranged

KNES390 Practicum in Teaching Physical Education; (3) REG/P-F/AUD. *Prerequisite: KNES 371. Formerly PHED 390.* Course is offered in the fall semester only.
0101 **(34246)** Solmon, M.
MW 1:00pm-3:00pm (HHP 2132)

KNES455 Scientific Bases of Athletic Conditioning; (3) REG/P-F/AUD. *Prerequisite: KNES 360. Formerly PHED 455.*
0101 **(34256)** Hatfield, B.
Tu 4:00pm-6:30pm (HHP 1302)

KNES461 Exercise and Body Composition; (3) REG/P-F/AUD. *Prerequisite: KNES 360. Formerly PHED 461.*
0101 **(34266)** Hurley, B.
Th 4:00pm-6:30pm (HHP 2132)

KNES462 Neural Basis of Human Movement; (3) REG/P-F/AUD. *Prerequisites: {ZOOL 201; and ZOOL 202; and KNES 385} or permission of department. Formerly PHED 462.*
0101 **(34276)** Clark, J.
TuTh 12:30pm-1:45pm (HHP 2132)

KNES466 Graded Exercise Testing; (3) REG. *Prerequisite: KNES 360 or permission of department.*
0101 **(34286)** Kokkinos, P.
Th 5:00pm-7:30pm (HHP 0302)
0201 **(34287)** Kokkinos, P.
W 5:00pm-7:30pm (HHP 0307)

KNES480 Measurement in Physical Education; (3) REG/P-F/AUD. *Prerequisite: MATH 110. Formerly PHED 480.*
0101 **(34296)** Steel, D.
TuTh 1:00pm-3:00pm (HHP 0307)

KNES486 Politics and Economics of Organized Contemporary Sport; (3) REG/P-F/AUD. *Prerequisite: KNES 287. Formerly PHED 486.*
0101 **(34306)** Vander Velden, L.
MW 1:00pm-2:15pm (HHP 0303)

KNES491 The Curriculum in Physical Education; (3) REG/P-F/AUD. *Prerequisites: KNES 300, KNES 360, and KNES 371. Formerly PHED 491.*
0101 **(34316)** Ennis, C.
TuTh 9:30am-10:45am (HHP 0303)

KNES497 Independent Studies Seminar; (3) REG/P-F. CORE: CS *Formerly PHED 497.* Students are to meet in HHP 2132 first class day.
0101 **(34326)** Scott, M.
MWF 9:00am-9:50am (HHP 2132)
MWF 9:00am-9:50am (HHP 0307) Lab
MWF 9:00am-9:50am (HHP 0305) Lab
0102 **(34327)** Brown, E.
MWF 9:00am-9:50am (HHP 2132)
MWF 9:00am-9:50am (HHP 0307) Lab
MWF 9:00am-9:50am (HHP 0305) Lab

KNES498 *(PermReq)* **Special Topics in Physical Education; (3)** REG/P-F/AUD.
0101 **(34337)** Wrenn, J.
Time and room to be arranged

KNES498A Special Topics in Physical Education: Physical Activity and Disease Prevention; (3) REG/P-F/AUD.
0101 **(34347)** Hagberg, J.
W 4:00pm-6:30pm (HHP 0302)

KNES498D Special Topics in Physical Education: Comparative History of Sport and Leisure: Britain and the United States 1700-1920s; (3) REG/P-F/AUD.
0101 **(34348)** Struna, N.
TuTh 12:30pm-1:45pm (HHP 0305)

KNES498K Special Topics in Physical Education: Child and Sport; (3) REG/P-F/AUD.
0101 **(34367)** Brown, E.
TuTh 3:00pm-4:15pm (HHP 1303)

KNES630 Sociology of Sport in Contemporary Perspective; (3) REG/AUD. *Formerly PHED 630.*
0101 **(34368)** Vander Velden, L.
W 4:00pm-6:30pm (HHP 0301)

KNES647 Cultural Perspectives on Curriculum Development; (3) REG/AUD.
0101 **(34377)** Ennis, C.
Tu 4:00pm-6:30pm (HHP 2130)

KNES650 Mental and Emotional Aspects of Sports and Recreation; (3) REG/AUD. *Prerequisite: KNES 350. Formerly PHED 650.*
0101 **(34387)** Hatfield, B.
Th 4:00pm-6:30pm (HHP 1302)

KNES675 Photo-analysis of Human Motion; (3) REG/AUD. *Prerequisite: KNES 300 or permission of department. Formerly PHED 675.*
0101 **(34397)** Phillips, S.
W 4:00pm-6:30pm (HHP 0305)

KNES689 *(PermReq)* **Special Problems in Kinesiology; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

KNES689A Special Problems in Kinesiology: Foundations of Sport Management; (3) REG/AUD.
0101 **(34427)** McDaniel, S.
Th 7:00pm-9:30pm (HHP 0305)

KNES689D Special Problems in Kinesiology: Physiological Signal Processing; (3) REG/AUD.
0101 **(34428)** Jeka, J.
Tu 7:00pm-9:30pm (HHP 0301)

KNES689O Special Problems in Kinesiology: Psychology of Exercise and Health; (3) REG/AUD.
0101 **(34447)** Iso-Ahola, S.
M 7:00pm-9:30pm (HHP 0301)

KNES689R Special Problems in Kinesiology: Sport and Mass Media; (3) REG/AUD.
0101 **(34457)** McDaniel, S.
Tu 4:00pm-6:30pm (HHP 0303)

KNES689T Special Problems in Kinesiology: Seminar in Teaching Education; (3) REG/AUD.
0101 **(34467)** Solmon, M.
M 4:00pm-6:30pm (HHP 2130)

KNES689Y Special Problems in Kinesiology: Current Literature in Exercise Physiology; (1) REG/AUD.
0101 **(34477)** Rogers, M.
F 11:00am-12:00pm (HHP 2132)

KNES689Z Special Problems in Kinesiology: Current Literature in Movement Sciences; (1) REG/AUD.
0101 **(34487)** Jeka, J.
F 9:00am-9:50am (HHP 0301)

KNES692 Cardiovascular Aspects of Exercise Physiology; (3) REG/AUD. *Prerequisite: KNES 360. Formerly PHED 692.*
0101 **(34497)** Rogers, M.
W 4:00pm-7:00pm (HHP 2132)

KNES789E Advanced Seminar: Research in American Sport History; (3) REG/AUD.
0101 **(34498)** Struna, N.
Tu 2:00pm-4:30pm (HHP 2132)

KNES789G Advanced Seminar: Physiology of Exercise II; (2) REG/AUD.
0101 **(34517)** Rogers, M.
Th 5:00pm-7:00pm (HHP 0307)

KNES799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

KNES899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

KORA Korean
(Arts and Humanities)

KORA211 Introductory Reading for Speakers of Korean I; (3) REG/P-F/AUD. *Not open to students who have completed three or more years of Korean schooling.*
0101 **(34611)** Ramsey, Y.
TuTh 11:00am-12:15pm (JMZ 1226)

KORA212 Introductory Reading for Speakers of Korean II; (3) REG/P-F/AUD. *Prerequisite: KORA 211. Not open to students who have completed three or more years of Korean schooling.*
0101 **(34621)** Ramsey, Y.
TuTh 2:00pm-3:15pm (JMZ 1226)

LARC Landscape Architecture
(Agriculture and Natural Resources)

LARC140 Graphic Fundamentals; (3) REG/P-F/AUD. *Recommended: LARC 160, concurrently. For LARC majors only. Not open to students who have completed EDIT 160. Formerly LARC 150.*
0101 **(34671)** Hilsenrath, E.
MW 2:00pm-2:50pm (PLS 1130)
MW 3:00pm-4:50pm (PLS 2154) Lab

LARC160 Introduction to Landscape Architecture; (3) REG/P-F/AUD. CORE: HO
0101 **(34681)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
F 10:00am-10:50am (PLS 1162) Dis
0102 **(34682)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
W 12:00pm-12:50pm (PLS 1162) Dis
0103 **(34683)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
F 11:00am-11:50am (PLS 1162) Dis
0104 **(34684)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
Th 12:30pm-1:20pm (PLS 1162) Dis
0106 **(34686)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
M 12:00pm-12:50pm (PLS 1162) Dis
0107 **(34687)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
M 1:00pm-1:50pm (PLS 1162) Dis
0108 **(34688)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
Tu 12:30pm-1:20pm (PLS 1162) Dis

LARC220 Land Surveying; (2) REG/P-F/AUD. *For LARC majors only. Formerly LARC 200.*
0101 **(34700)** STAFF
Th 2:00pm-4:50pm (PLS 1142) Lab

LARC240 Graphic Communications; (3) REG/P-F/AUD. *Prerequisites: LARC 141 and LARC 160. For LARC majors only. Formerly LARC 260.*
0101 **(34710)** Sullivan, J.
MW 2:00pm-4:50pm (PLS 2152) Lab

LARC320 Principles of Site Engineering; (3) REG/P-F/AUD. *Prerequisites: LARC 220 and LARC 241. For LARC majors only. Also offered as HORT 320. Formerly LARC 364.*
0101 **(51682)** Sullivan, J.
MW 9:00am-9:50am (PLS 1130)
MW 10:00am-11:50am (PLS 2156) Lab
MW 10:00am-11:50am (PLS 1142) Lab

LARC341 Community Design Studio; (4) REG/P-F/AUD. *Prerequisite: LARC 340. For LARC majors only. Formerly LARC 361.*
0101 **(34730)** Hill, M.
MW 1:00pm-4:50pm (PLS 2150)

LARC420 Professional Practice; (3) REG/P-F/AUD. *Prerequisite: LARC 321. For LARC majors only. Formerly LARC 467.*
0101 **(34740)** STAFF
F 9:00am-11:50am (PLS 0104) Lab

LARC440 Urban Studio Design; (4) REG/P-F/AUD. *Prerequisites: LARC 321 and LARC 341. For LARC majors only. Formerly LARC 462.*
0101 **(34750)** Pihlak, M.
TuTh 1:00pm-4:50pm (PLS 2148) Lab

LARC450 Environmental Resources; (3) REG/P-F/AUD. *Prerequisite: AGRO 202 or permission of department.* Two all day Saturday field trips will be required.
0101 **(34760)** Hilsenrath, E.
W 11:00am-12:15pm (PLS 1144)
F 12:30pm-4:30pm (PLS 1144) Lab

LARC470 Landscape Architecture Seminar; (3) REG/P-F/AUD. *Prerequisites: LARC 321 and LARC 341. For LARC majors only.*
0101 **(34770)** Pihlak, M.
TuTh 9:30am-10:45am (PLS 0104)

LARC499 Independent Studies in Landscape Architecture; (1-4) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

LATN Latin
(Arts and Humanities)

LATN101 Elementary Latin I; (4) REG/P-F/AUD. *A student who has two units of Latin in high school may register for LATN 101 for the purposes of review, but ordinarily not for credit.*
0101 **(34833)** Nolder, M.
MWF 10:00am-10:50am (ARM 0119)
M 9:00am-9:50am (ARM 0119)
0201 **(34834)** Nolder, M.
MWF 1:00pm-1:50pm (ARM 0119)
F 12:00pm-12:50pm (ARM 0121)

LATN102 Elementary Latin II; (4) REG/P-F/AUD. *Prerequisite: LATN 101 at UMCP or permission of department.*
0101 **(34844)** Staley, G.
MWF 10:00am-10:50am (ARM 0105)
F 9:00am-9:50am (ARM 0105)

LATN201 Intermediate Latin; (4) REG/P-F/AUD. CORE: HO *Prerequisite: LATN 102 at UMCP or permission of department. Formerly LATN 203.*
0101 **(34854)** Hallett, J.
MWF 10:00am-10:50am (MMH 2407)
F 9:00am-9:50am (MMH 2407)

LATN351 Horace and Catullus; (3) REG/P-F/AUD. *Prerequisite: LATN 201 or equivalent.*
0101 **(34864)** Lee, H.
TuTh 3:30pm-4:45pm (ARM 0102)

LATN415 Virgil's Aeneid; (3) REG/P-F/AUD. *Formerly LATN 305.*
0101 **(34874)** Staley, G.
W 5:00pm-7:40pm (MMH 1304)

LATN488 Latin Readings: Roman Historiography; (3) REG/P-F/AUD.
0101 **(34884)** Rutledge, S.
Tu 5:00pm-7:40pm (MMH 3418)

LATN499 *(PermReq)* **Independent Study in Latin Language and Literature; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

LATN605 Vergil; (3) REG/AUD.
0101 **(34899)** Staley, G.
W 5:00pm-7:40pm (MMH 0108)

LATN688 Special Topics in Latin Literature: Roman Historiography; (3) REG/AUD.
0101 **(34909)** Rutledge, S.
Tu 5:00pm-7:40pm (MMH 3418)

LATN699 Independent Studies in Latin Literature; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

LBSC Library Science
(Library and Information Services)

LBSC601 *(PermReq)* **Information Use; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34973)** Barlow, D.
Tu 2:00pm-4:45pm (HBK 0115)
0201 **(34974)** Walston, C.
W 5:30pm-8:15pm (HBK 0103)

LBSC603 *(PermReq)* **Library Systems Analysis; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34984)** Walston, C.
Th 2:00pm-4:45pm (HBK 0105)

LBSC611 *(PermReq)* **Archives and Libraries in Western Civilization; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34994)** Burke, F.
W 1:00pm-3:45pm (HBK 0109)

LBSC630 *(PermReq)* **Library Administration; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(35004)** Phelps, T.
Tu 5:30pm-8:15pm (HBK 0109)

LBSC641 *(PermReq)* **Selection and Evaluation of Instructional Media; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(35014)** Neuman, M.
Th 5:30pm-8:15pm (HBK 0103)

LBSC643 *(PermReq)* **Library Media Specialists in Educational Systems; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(35024)** Neuman, M.
M 5:30pm-8:15pm (HBK 0105)

LBSC645 *(PermReq)* **Children's Literature and Materials; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(35034)** Macleod, A.
Th 2:00pm-4:45pm (HBK 0115)

LBSC650 *(PermReq)* **Information Access; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(35044)** White, M.
MW 9:30am-10:45am (HBK 0103)
0201 **(35045)** Abels, E.
Tu 9:30am-12:15pm (HBK 0103)
0301 **(35046)** Abels, E.
Tu 5:30pm-8:15pm (HBK 0103)

LBSC670 *(PermReq)* **Information Structure; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(35056)** Soergel, D.
M 1:00pm-3:45pm (HBK 0105)
0201 **(35057)** Soergel, D.
W 6:00pm-8:45pm (HBK 0105)

LBSC690 *(PermReq)* **Information Technology; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(35067)** Walston, C.
W 1:00pm-3:45pm (HBK 0103)
0201 **(35068)** Oard, D.
W 5:30pm-8:15pm (CSS 1410)
0301 **(35069)** Oard, D.
Th 5:30pm-8:15pm (HBK 0105)

LBSC701 *(PermReq)* **Research Methods in Library and Information Studies; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(35079)** Marchionini, G.
W 1:00pm-3:45pm (HBK 0105)

LBSC707 *(PermReq)* **Field Study in Library Service; (3)** REG/AUD. *Prerequisites: LBSC 600; and LBSC 651; and LBSC 671; and {LBSC 690 or LBSC 691} and permission of both department and instructor.*
0101 **(35089)** Wilson, W.
Time and room to be arranged

LBSC708C *(PermReq)* **Special Topics in Library and Information Service: Instructional Materials Development; (3)** REG/AUD.
0101 **(35099)** Clabaugh, S.
Tu 5:30pm-8:15pm (HBK 0105)

LBSC708L *(PermReq)* **Special Topics in Library and Information Service: Building the Human-Computer Interface; (3)** REG/AUD.
0101 **(35100)** Oard, D.
Tu 5:30pm-8:15pm (CSS 1410)

LBSC708R *(PermReq)* **Special Topics in Library and Information Service: Visual and Sound Materials; (3)** REG/AUD.
0101 **(35101)** Baty, L.
Tu 5:30pm-8:15pm (HBK 4115)

LBSC708S *(PermReq)* **Special Topics in Library and Information Service; (1-3)** REG/AUD.
0101 **(35234)** Miller, M.
W 6:00pm-8:45pm (HBK 0115)

LBSC708U *(PermReq)* **Special Topics in Library and Information Service: Management of Archives: Principles, Practices, and Techniques; (3)** REG/AUD.
0101 **(35102)** STAFF
Tu 2:00pm-4:45pm (HBK 4113)

LBSC709 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Signed independent study form must be presented to CLIS Admissions Office.

LBSC723 *(PermReq)* **Libraries and Information Services in the Social Process; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(35122)** Macleod, A.
Tu 9:30am-12:15pm (HBK 4113)

LBSC724 *(PermReq)* **Public Library Seminar; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(35123)** Cunningham, W.
Tu 2:00pm-4:45pm (HBK 0103)

LBSC734 *(PermReq)* **Seminar in the Academic Library; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(35132)** White, M.
M 1:00pm-3:45pm (HBK 0103)

LBSC741 *(PermReq)* **Seminar in School Library Media Programs; (3)** REG/AUD. *Prerequisites: permission of department; and LBSC 643 or permission of instructor.*
0101 **(35142)** Liesener, J.
W 5:30pm-8:15pm (HBK 4115)

LBSC744 *(PermReq)* **Field Study in School Library Media Programs; (3)** REG/AUD. *Prerequisites: permission of department; and LBSC 741; and {LBSC 742 or EDCI 605 or permission of instructor}.*
0101 **(35152)** Liesener, J.
Tu 2:00pm-4:45pm (HBK 4115)

LBSC750 *(PermReq)* **Advanced Reference Services; (3)** REG/AUD. *Prerequisites: permission of department; and either LBSC 651 or permission of instructor.*
0101 **(35172)** White, M.
MW 11:00am-12:15pm (HBK 0103)

LBSC751 *(PermReq)* **Literature and Research in the Humanities; (3)** REG/AUD. *Prerequisites: permission of department; and either LBSC 651 or permission of instructor.*
0101 **(35173)** Day, B.
Th 5:30pm-8:15pm (HBK 0115)

LBSC762 *(PermReq)* **Abstracting and Indexing Sources in the Health Sciences; (3)** REG/AUD. *Prerequisite: permission of department; and either LBSC 651 or permission of instructor.*
0101 **(35182)** STAFF
Th 2:00pm-4:45pm (HBK 4115)

LBSC775 *(PermReq)* **Construction and Maintenance of Index Languages and Thesauri; (3)** REG/AUD. *Prerequisite: permission of department; and LBSC 675 or permission of instructor.*
0101 **(35183)** Soergel, D.
W 1:00pm-3:45pm (HBK 0115)

LBSC783 *(PermReq)* **Seminar in Technical Services; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(35192)** Scully, M.
Tu 6:00pm-8:45pm (HBK 0115)

LBSC795 *(PermReq)* **Principles of Human-Computer Communication; (3)** REG/AUD. *Prerequisites: (LBSC 690 or LBSC 691 or permission of instructor) and permission of department.*
0101 **(35202)** Marchionini, G.
M 5:30pm-8:15pm (HBK 0115)

LBSC799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

LBSC899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

LING Linguistics
(Arts and Humanities)

LING200 Introductory Linguistics; (3) REG/P-F/AUD. CORE: SB *Not open to students who have completed ANTH 371 or HESP 120.* Basis for future work in linguistics.
0101 **(35278)** Struijke, C.
TuTh 12:30pm-1:45pm (ARM 0119)
0201 **(35279)** Moren, B.
TuTh 9:30am-10:45am (ARM 0103)
0301 **(35280)** STAFF
MWF 12:00pm-12:50pm (KEY 0125)
0401 **(35281)** Morelli, F.
MWF 11:00am-11:50am (HBK 1116)
0501 **(35282)** Drury, J.
MW 4:00pm-5:15pm (MMH 3418)
0601 **(35283)** Pires, A.
TuTh 3:30pm-4:45pm (MMH 3418)
0801 **(35285)** Fukazawa, H.
TuTh 11:00am-12:15pm (HBK 1112)

LING240 Language and Mind; (3) REG/P-F/AUD. CORE: HO
0101 **(35295)** Crain, S.
TuTh 9:30am-10:45am (MMH 1304)
0201 **(35296)** Uriagereka, J.
MW 11:00am-12:15pm (COL 3109)

LING311 Syntax I; (3) REG/P-F/AUD. *Prerequisite: LING 240.*
0101 **(35306)** Hornstein, N.
TuTh 9:00am-10:15am (HBK 0109)

LING321 Phonology I; (3) REG/P-F/AUD. *Prerequisite: LING 240.*
0101 **(35316)** Benua, L.
MW 9:30am-10:45am (ARM 0103)

LING419 *(PermReq)* **Topics in Syntax; (3)** REG/P-F/AUD.
0101 **(35326)** Uriagereka, J.
Time and room to be arranged

LING420 Word Formation; (3) REG/P-F/AUD. *Prerequisite: LING 322.*
0101 **(35336)** Benua, L.
MW 1:00pm-2:15pm (MMH 3418)

LING429 *(PermReq)* **Topics in Phonology; (3)** REG/P-F/AUD.
0101 **(35346)** Lombardi, L.
Time and room to be arranged

LING439 Topics in Diachronic Linguistics; (3) REG/P-F/AUD.
0101 **(35356)** Lightfoot, D.
Time and room to be arranged

LING439H Topics in Diachronic Linguistics; (3) REG/P-F/AUD. For general honors students only.
0101 **(35366)** STAFF
Time and room to be arranged

LING444 Child Language; (3) REG/P-F/AUD. *Prerequisite: LING 200 or LING 240.*
0101 **(35376)** Thornton, R.
TuTh 12:30pm-1:45pm (JMZ 1124)

LING444H Child Language; (3) REG/P-F/AUD. *Prerequisite: LING 200 or LING 240.* For general honors students only.
0101 **(35386)** Thornton, R.
TuTh 12:30pm-1:45pm (JMZ 1124)

LING499 *(PermReq)* **Directed Studies in Linguistics; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

LING499H Directed Studies in Linguistics; (3) REG/P-F/AUD.
0101 **(35533)** STAFF
Time and room to be arranged

LING610 Syntactic Theory; (3) REG/AUD. *Prerequisite: LING 312.*
0101 **(35405)** Uriagereka, J.
Tu 2:00pm-5:00pm (MMH 0108)

LING620 Phonological Theory; (3) REG/AUD. *Prerequisite: LING 322.*
0101 **(35415)** Lombardi, L.
Th 1:00pm-4:00pm (MMH 3416A)

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

LING645 Introduction to Computational Linguistics; (3) REG/AUD. *Prerequisite: permission of instructor. Also offered as CMSC 723.*
0101 **(35425)** Resnik, P.
W 9:30am-12:00pm (JMP 1202)
, Time and room to be arranged Lab

LING650 History of Linguistics; (3) REG/AUD. *Prerequisite: LING 312.*
0101 **(35435)** Lightfoot, D.
Tu 11:00am-1:00pm (LEF 1221)

LING689 *(PermReq)* **Independent Study; (1-3)** REG/AUD.
0101 **(35445)** STAFF
Time and room to be arranged

LING698 *(PermReq)* **Directed Study; (1-3)** REG/AUD.
0101 **(35455)** Crain, S.
F 2:00pm-4:00pm (MMH 1304)

LING798 *(PermReq)* **Research Papers in Linguistics; (1-6)** REG.
0101 **(35465)** Hornstein, N.
Time and room to be arranged

LING799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

LING819 Seminar in Syntactic Theory; (3) REG/AUD.
0101 **(35476)** Hornstein, N.
W 2:00pm-4:30pm (WDS 1114)

LING829 *(PermReq)* **Seminar in Phonological Theory; (3)** REG/AUD.
0101 **(35486)** Lombardi, L.
Tu 1:00pm-4:00pm (HBK 0125)

LING849 *(PermReq)* **Seminar in Psycholinguistics; (3)** REG/AUD.
0101 **(35496)** Weinberg, A.
M 2:00pm-5:00pm (WDS 1127)

LING889 *(PermReq)* **Directed Research; (1-8)** REG/AUD.
0101 **(35506)** Thornton, R.
Time and room to be arranged
Section 0101 - Language acquisition.

0201 **(35507)** Uriagereka, J.
Time and room to be arranged
Section 0201 - Syntactic theory.

0301 **(35508)** STAFF
Time and room to be arranged

LING895 Doctoral Research Paper; (6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

LING899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MAPL Applied Mathematics
(Computer, Mathematical and Physical Sciences)

MAPL460 Computational Methods; (3) REG/P-F/AUD.
Prerequisites: {a grade of C or better in MATH 240 and MATH 241}; and {CMSC 104 or CMSC 113}. Also offered as CMSC 460. Credit will be granted for only one of the following: MAPL/CMSC 460 or MAPL/CMSC 466.
0101 **(35582)** Wolfe, P.
MWF 8:00am-8:50am (MTH 0303)
0201 **(35583)** Oleary, D.
TuTh 12:30pm-1:45pm (CLB 0109)

MAPL466 Introduction to Numerical Analysis I; (3) REG/P-F/AUD.
Prerequisites: {a grade of C or better in MATH 240 and MATH 241}; and CMSC 104. Also offered as CMSC 466. Credit will be granted for only one of the following: MAPL/CMSC 460 or MAPL/CMSC 466.
0101 **(35593)** Cooper, J.
MWF 2:00pm-2:50pm (MTH 0302)
0201 **(35594)** Nochetto, R.
TuTh 11:00am-12:15pm (EGR 1108)

MAPL498A Selected Topics in Applied Mathematics; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MAPL607 Advanced Numerical Optimization; (3) REG/AUD.
Prerequisites: MATH 410; and MAPL/CMSC 477; or equivalent. Also offered as CMSC 878O.
0101 **(35618)** Oleary, D.
TuTh 2:00pm-3:15pm (CLB 0109)

MAPL612 Numerical Methods in Partial Differential Equations; (3) REG/AUD. *Prerequisite: a graduate level one semester course in partial differential equations or a theoretical graduate level course in applied field such as fluid mechanics; or permission of instructor.*
0101 **(35628)** Glaz, H.
MWF 9:00am-9:50am (MTH 1308)

MAPL660 Scientific Computing I; (3) REG. *Prerequisite: MAPL 460 or MAPL 466 or equivalent, plus some knowledge of FORTRAN or C.*
0101 **(35629)** Von Petersdorff, T.
TuTh 2:00pm-3:15pm (MTH 0407)

MAPL666 Numerical Analysis I; (3) REG/AUD. *Prerequisites: MAPL 466; and MATH 410. Also offered as CMSC 666.*
0101 **(35638)** Elman, H.
TuTh 3:30pm-4:45pm (CLB 0109)

MAPL670 Ordinary Differential Equations I; (3) REG/AUD.
Prerequisite: MATH 405; and MATH 410 or equivalent. Also offered as MATH 670. Offered fall only.
0101 **(35648)** Stuck, G.
MWF 1:00pm-1:50pm (MTH 0107)

MAPL673 Partial Differential Equations I; (3) REG/AUD.
Prerequisite: MATH 411 or equivalent. Also offered as MATH 673. Credit will be granted for only one of the following: MAPL 673 or MATH 673. Offered fall only.
0101 **(35658)** Glaz, H.
MWF 11:00am-11:50am (MTH 0304)

MAPL685 Modern Methods in Partial Differential Equations I; (3) REG/AUD. *Prerequisite: MATH 630 and MATH 631. Also offered as MATH 685.*
0101 **(51798)** Machedon, M.
TuTh 12:30pm-1:45pm (MTH 1311)

MAPL698A Advanced Topics in Applied Mathematics; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MAPL698B Advanced Topics in Applied Mathematics: Modern Analytic and Geometric Approaches to Classical Mechanics and Control Theory I; (3) REG/AUD. Also offered as ENEE 769P.
0201 **(35714)** Antman, S.
TuTh 2:00pm-3:15pm (MTH B0423)

MAPL699 Applied Mathematics Seminar: Topics in Biomathematics; (1) REG/AUD.
0101 **(35734)** Russek-Cohen, E.
Tu 3:30pm-4:45pm (MTH 0103)

MAPL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

MAPL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MATH Mathematics
(Computer, Mathematical and Physical Sciences)

A student enrolled in MATH A001 for Spring 1997, will have a reserved seat in MATH 001 for the Fall 1997 semester. The enrollment must be confirmed during Fall 1997 advance registration.

MATH001 Review of High School Algebra; (3) REG. *Recommended for students who plan to take MATH 110 or MATH 002 but are not currently qualified to do so. Special fee required in addition to the regular tuition charge for fall and spring semesters. This course does not carry credit towards any degree at the University.* The notation 3 credits is used only for billing and full-time or part-time status. There is a special fee of $175 for MATH 001. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Students registering for MATH 001 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics.
0101 **(35945)** STAFF
MWF 8:00am-8:50am (MTH 0409)
0102 **(35946)** STAFF
MWF 8:00am-8:50am (MTH 0403)
0103 **(35947)** STAFF
MWF 8:00am-8:50am (MTH 0106)
0104 **(35948)** STAFF
MWF 8:00am-8:50am (MTH 0302)
0105 **(35949)** STAFF
MWF 8:00am-8:50am (MTH 0411)
0106 **(35950)** STAFF
MWF 8:00am-8:50am (MTH 0102)
0201 **(35951)** STAFF
MWF 9:00am-9:50am (MTH 0409)
0202 **(35952)** STAFF
MWF 9:00am-9:50am (MTH 0403)
0203 **(35953)** STAFF
MWF 9:00am-9:50am (MTH 0106)
0204 **(35954)** STAFF
MWF 9:00am-9:50am (MTH 0302)
0205 **(35955)** STAFF
MWF 9:00am-9:50am (MTH 0411)
0206 **(35956)** STAFF
MWF 9:00am-9:50am (MTH 0102)
0301 **(35957)** STAFF
MWF 10:00am-10:50am (MTH 0302)
0302 **(35958)** STAFF
MWF 10:00am-10:50am (MTH 0411)
0303 **(35959)** STAFF
MWF 10:00am-10:50am (MTH 0102)
0304 **(35960)** STAFF
MWF 10:00am-10:50am (MTH B0425)
0305 **(35961)** STAFF
MWF 10:00am-10:50am (MTH 0303)
0401 **(35962)** STAFF
MWF 11:00am-11:50am (MTH 0302)
0402 **(35963)** STAFF
MWF 11:00am-11:50am (MTH 0411)
0403 **(35964)** STAFF
MWF 11:00am-11:50am (MTH 0102)
0404 **(35965)** STAFF
MWF 11:00am-11:50am (MTH B0431)
0405 **(35966)** STAFF
MWF 11:00am-11:50am (MTH 0201)

MATH001+ Review of High School Algebra; (3) REG/P-F/AUD. *Recommended for students who plan to take MATH 110 or MATH 002 but are not currently qualified to do so. Special fee required in addition to the regular tuition charge for fall and spring semesters. This course does not carry credit towards any degree at the University.* Restricted to students in a First Year Focus Cluster.
0401 **(35976)** STAFF
MWF 11:00am-11:50am (MTH 0302)
A student enrolled in MATH A002 for Spring 1997, will have a reserved seat in MATH 002 for the Fall 1997 semester. The enrollment must be confirmed during Fall 1997 advance registration.

MATH002 Advanced Review of High School Algebra; (3) REG. *Recommended for students who plan to take but who are not currently qualified for MATH 115. Prerequisite: MATH 001 or satisfactory score on the mathematics placement exam. Special fee required in addition to the regular tuition charge for fall and spring semesters. This course does not carry credit towards any degree at the University.* The notation 3 credits is used only for billing and full-time and part-time status. There is a special $175 fee for MATH 002. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Students registering for MATH 002 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics.
0111 **(35986)** STAFF
TuTh 9:00am-9:50am (ARM 0112)
MW 8:00am-8:50am (MTH B0429) Dis
0121 **(35987)** STAFF
TuTh 9:00am-9:50am (ARM 0112)
MW 9:00am-9:50am (MTH B0429) Dis
0131 **(35988)** STAFF
TuTh 9:00am-9:50am (ARM 0112)
MW 10:00am-10:50am (MTH B0429) Dis
0141 **(35989)** STAFF
TuTh 9:00am-9:50am (ARM 0112)
MW 12:00pm-12:50pm (MTH B0429) Dis
0211 **(35990)** STAFF
TuTh 10:00am-10:50am (ARM 0112)
MW 8:00am-8:50am (MTH 0201) Dis
0221 **(35991)** STAFF
TuTh 10:00am-10:50am (ARM 0112)
MW 9:00am-9:50am (MTH 0201) Dis
0231 **(35992)** STAFF
TuTh 10:00am-10:50am (ARM 0112)
MW 10:00am-10:50am (MTH 0201) Dis
0241 **(35993)** STAFF
TuTh 10:00am-10:50am (ARM 0112)
MW 12:00pm-12:50pm (MTH 0201) Dis
0311 **(35994)** STAFF
MW 9:00am-9:50am (ARM 0112)
TuTh 8:00am-8:50am (MTH 0201) Dis
0321 **(35995)** STAFF
MW 9:00am-9:50am (ARM 0112)
TuTh 9:00am-9:50am (MTH 0107) Dis
0411 **(35998)** STAFF
MW 12:00pm-12:50pm (ARM 0112)
TuTh 12:00pm-12:50pm (MTH B0425) Dis
0421 **(35999)** STAFF
MW 12:00pm-12:50pm (ARM 0112)
TuTh 1:00pm-1:50pm (MTH B0425) Dis
0431 **(36000)** STAFF
MW 12:00pm-12:50pm (ARM 0112)
TuTh 2:00pm-2:50pm (MTH B0425) Dis
0441 **(36001)** STAFF
MW 12:00pm-12:50pm (ARM 0112)
TuTh 3:00pm-3:50pm (MTH B0425) Dis
0511 **(36002)** STAFF
MW 1:00pm-1:50pm (ARM 0112)
TuTh 1:00pm-1:50pm (MTH 0201) Dis
0521 **(36003)** STAFF
MW 1:00pm-1:50pm (ARM 0112)
TuTh 2:00pm-2:50pm (MTH 0107) Dis
0531 **(36004)** STAFF
MW 1:00pm-1:50pm (ARM 0112)
TuTh 3:00pm-3:50pm (MTH 0107) Dis
0541 **(36005)** STAFF
MW 1:00pm-1:50pm (ARM 0112)
TuTh 4:00pm-4:50pm (MTH 0201) Dis
0611 **(36006)** STAFF
MW 11:00am-11:50am (ARM 0112)
TuTh 1:00pm-1:50pm (MTH 0401) Dis
0621 **(36007)** STAFF
MW 11:00am-11:50am (ARM 0112)
TuTh 2:00pm-2:50pm (MTH 1311) Dis
0711 **(36008)** STAFF
MW 12:00pm-12:50pm (ZOP 1236)
TuTh 1:00pm-1:50pm (MTH B0423) Dis
0721 **(36009)** STAFF
MW 12:00pm-12:50pm (ZOP 1236)
TuTh 2:00pm-2:50pm (MTH 1308) Dis
0811 **(36010)** STAFF
TuTh 10:00am-10:50am (ZOP 1238)
MW 8:00am-8:50am (MTH 0304) Dis
0821 **(36011)** STAFF
TuTh 10:00am-10:50am (ZOP 1238)
MW 10:00am-10:50am (MTH 0307) Dis
0911 **(36012)** STAFF
TuTh 12:00pm-12:50pm (ARM 0112)
MW 12:00pm-12:50pm (MTH 0302) Dis
0921 **(36013)** STAFF
TuTh 12:00pm-12:50pm (ARM 0112)
MW 1:00pm-1:50pm (MTH 0302) Dis

MATH002+ Advanced Review of High School Algebra; (3) REG/P-F/AUD. *Recommended for students who plan to take but who are not currently qualified for MATH 115. Prerequisite: MATH 001 or satisfactory score on the mathematics placement exam. Special fee required in addition to the regular tuition charge for fall and spring semesters. This course does not carry credit towards any degree at the University.* Restricted to students in a First Year Focus Cluster.
0511 **(36023)** STAFF
MW 1:00pm-1:50pm (ARM 0112)
TuTh 1:00pm-1:50pm (MTH 0201) Dis
A student enrolled in MATH A110 for Spring 1997, will have a reserved seat in MATH 110 for the Fall 1997 semester. The enrollment must be confirmed during Fall 1997 advance registration.

MATH110 Elementary Mathematical Models; (3) REG/P-F/AUD. *Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 002. Not open to students majoring in mathematics, engineering, and the physical sciences. Not open to students who have completed MATH 140, 220, or any MATH or STAT course for which MATH 140 or 220 is a prerequisite.* All sections will require the use of a TI graphics calculator. Instructor will use a TI-82 or TI-83 calculator.
0101 **(36033)** STAFF
MWF 11:00am-11:50am (MTH 0101)
0102 **(36034)** STAFF
MWF 11:00am-11:50am (MTH 0407)
0103 **(36035)** STAFF
MWF 11:00am-11:50am (MTH 0405)
0104 **(36036)** STAFF
MWF 11:00am-11:50am (MTH 0303)
0105 **(36037)** STAFF
MWF 11:00am-11:50am (MTH B0421)
0201 **(36038)** STAFF
MWF 12:00pm-12:50pm (MTH 0101)
0202 **(36039)** STAFF
MWF 12:00pm-12:50pm (MTH 0407)
0203 **(36040)** STAFF
MWF 12:00pm-12:50pm (MTH 0405)
0204 **(36041)** STAFF
MWF 12:00pm-12:50pm (MTH 0303)
0301 **(36043)** STAFF
MWF 1:00pm-1:50pm (MTH 0407)
0302 **(36044)** STAFF
MWF 1:00pm-1:50pm (MTH 0303)
0303 **(36045)** STAFF
MWF 1:00pm-1:50pm (MTH 1311)
0401 **(36048)** STAFF
MWF 2:00pm-2:50pm (MTH 0407)
0402 **(36049)** STAFF
MWF 2:00pm-2:50pm (MTH 0303)

MATH111 Introduction to Probability; (3) REG/P-F/AUD. CORE: MS *Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 110, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Not open to students who have completed STAT 100 or any MATH or STAT course with a prerequisite of MATH 141. Credit will be granted for only one of the following: MATH 111 or STAT 100.*
0101 **(36061)** STAFF
MWF 1:00pm-1:50pm (MTH 0405)
0102 **(36062)** STAFF
MWF 1:00pm-1:50pm (MTH 0101)
0103 **(36063)** STAFF
MWF 1:00pm-1:50pm (MTH 0106)
0104 **(36064)** STAFF
MWF 1:00pm-1:50pm (MTH B0421)
0105 **(36065)** STAFF
MWF 1:00pm-1:50pm (MTH 1308)
0106 **(36066)** STAFF
MWF 1:00pm-1:50pm (MTH 0304)
0107 **(36067)** STAFF
MWF 1:00pm-1:50pm (MTH 1313)
0108 **(36068)** STAFF
MWF 1:00pm-1:50pm (MTH 0307)
0201 **(36073)** STAFF
MWF 2:00pm-2:50pm (MTH 0405)
0202 **(36074)** STAFF
MWF 2:00pm-2:50pm (MTH 0101)
0203 **(36075)** STAFF
MWF 2:00pm-2:50pm (MTH 0106)
0204 **(36076)** STAFF
MWF 2:00pm-2:50pm (MTH B0421)
0205 **(36077)** STAFF
MWF 2:00pm-2:50pm (MTH 1308)
0206 **(36078)** STAFF
MWF 2:00pm-2:50pm (MTH 0304)
0207 **(36079)** STAFF
MWF 2:00pm-2:50pm (MTH 1313)
0208 **(36080)** STAFF
MWF 2:00pm-2:50pm (MTH 0307)
0311 **(36085)** Yusko, P.
MWF 12:00pm-12:50pm (SHM 2101)
Tu 9:00am-9:50am (MTH 0103) Dis
0312 **(36086)** Yusko, P.
MWF 12:00pm-12:50pm (SHM 2101)
Tu 9:00am-9:50am (PLS 1111) Dis
0321 **(36087)** Yusko, P.
MWF 12:00pm-12:50pm (SHM 2101)
Tu 10:00am-10:50am (MTH 0103) Dis
0322 **(36088)** Yusko, P.
MWF 12:00pm-12:50pm (SHM 2101)
Tu 10:00am-10:50am (PLS 1111) Dis
0331 **(36089)** Yusko, P.
MWF 12:00pm-12:50pm (SHM 2101)
Tu 11:00am-11:50am (MTH 0103) Dis
0332 **(36090)** Yusko, P.
MWF 12:00pm-12:50pm (SHM 2101)
Tu 11:00am-11:50am (PLS 1113) Dis
0341 **(36091)** Yusko, P.
MWF 12:00pm-12:50pm (SHM 2101)
Tu 12:00pm-12:50pm (MTH 0103) Dis
0342 **(36092)** Yusko, P.
MWF 12:00pm-12:50pm (SHM 2101)
Tu 12:00pm-12:50pm (PLS 1113) Dis
A student enrolled in MATH A113 for Spring 1997, will have a reserved seat in MATH 113 for the Fall 1997 semester. The enrollment must be confirmed during Fall 1997 advance registration.

MATH113 College Algebra with Applications; (3) REG/P-F/AUD. *Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 002. Not open to students who have completed MATH 140 or MATH 220 or any course for which MATH 140 or MATH 220 is a prerequisite. Credit will be granted for only one of the following: (MATH 110 or MATH 113), or (MATH 113 or MATH 115).* All sections will require the use of a TI graphics calculator. Instructor will use a TI-82 or TI-83.
0101 **(36094)** STAFF
MWF 10:00am-10:50am (MTH 0106)
0102 **(36095)** STAFF
MWF 10:00am-10:50am (MTH 1313)
0103 **(36096)** STAFF
MWF 10:00am-10:50am (MTH 0403)
0104 **(36097)** STAFF
MWF 10:00am-10:50am (MTH 0409)
0105 **(36098)** STAFF
MWF 10:00am-10:50am (MTH 0103)
0106 **(36099)** STAFF
MWF 10:00am-10:50am (MTH B0423)
0107 **(36100)** STAFF
MWF 10:00am-10:50am (MTH 0401)
0201 **(36101)** STAFF
MWF 11:00am-11:50am (MTH 0106)
0202 **(36102)** STAFF
MWF 11:00am-11:50am (MTH 1313)
0203 **(36103)** STAFF
MWF 11:00am-11:50am (MTH 0403)
0204 **(36104)** STAFF
MWF 11:00am-11:50am (MTH 0409)
0205 **(36105)** STAFF
MWF 11:00am-11:50am (MTH 0103)
0206 **(36106)** STAFF
MWF 11:00am-11:50am (MTH B0423)
0207 **(36107)** STAFF
MWF 11:00am-11:50am (MTH 0401)
0301 **(36108)** STAFF
MWF 3:00pm-3:50pm (MTH B0421)
0302 **(36109)** STAFF
MWF 3:00pm-3:50pm (MTH 0304)
0303 **(36110)** STAFF
MWF 3:00pm-3:50pm (MTH 0106)
0304 **(36111)** STAFF
MWF 3:00pm-3:50pm (MTH 0305)
0305 **(36112)** STAFF
MWF 3:00pm-3:50pm (MTH 0409)
0401 **(36115)** STAFF
MWF 4:00pm-4:50pm (MTH B0421)
0402 **(36116)** STAFF
MWF 4:00pm-4:50pm (MTH 0304)
0403 **(36117)** STAFF
MWF 4:00pm-4:50pm (MTH 0106)
0404 **(36118)** STAFF
MWF 4:00pm-4:50pm (MTH 0305)
0405 **(36119)** STAFF
MWF 4:00pm-4:50pm (MTH 0409)
0511 **(36122)** Stone, J.
MWF 12:00pm-12:50pm (ARM 0131)
Tu 8:00am-9:15am (MTH 0409) Dis
0512 **(36123)** Stone, J.
MWF 12:00pm-12:50pm (ARM 0131)
Tu 8:00am-9:15am (MTH 1313) Dis

(MATH113 cont'd)

0521 **(36124)** Stone, J.
MWF 12:00pm-12:50pm (ARM 0131)
Tu 9:30am-10:45am (MTH 0409) Dis
0522 **(36125)** Stone, J.
MWF 12:00pm-12:50pm (ARM 0131)
Tu 9:30am-10:45am (MTH 1313) Dis
0531 **(36126)** Stone, J.
MWF 12:00pm-12:50pm (ARM 0131)
Tu 11:00am-12:15pm (MTH 0409) Dis
0532 **(36127)** Stone, J.
MWF 12:00pm-12:50pm (ARM 0131)
Tu 11:00am-12:15pm (MTH 1313) Dis
0541 **(36128)** Stone, J.
MWF 12:00pm-12:50pm (ARM 0131)
Tu 12:30pm-1:45pm (MTH 0409) Dis
0551 **(36129)** Stone, J.
MWF 12:00pm-12:50pm (ARM 0131)
Tu 2:00pm-3:15pm (MTH 0409) Dis
0561 **(36130)** Stone, J.
MWF 12:00pm-12:50pm (ARM 0131)
Tu 3:30pm-4:45pm (MTH 0409) Dis
A student enrolled in MATH A115 Spring 1997, will have a reserved seat in MATH 115 for the Fall 1997 semester. The enrollment must be confirmed during Fall 1997 advanced registration.

MATH115 Precalculus; (3) REG/P-F/AUD. *Prerequisite: permission of department based on satisfactory score on the mathematics placement exam or MATH 002. Not open to students who have completed MATH 140 or any MATH or STAT course for which MATH 140 is a prerequisite.* Preparation for MATH 220 or MATH 140. All sections will require the use of a TI graphics calculator. Instructor will use a TI-82 or TI-83.
0101 **(36140)** STAFF
MWF 8:00am-8:50am (MTH 0101)
0102 **(36141)** STAFF
MWF 8:00am-8:50am (MTH 0407)
0103 **(36142)** STAFF
MWF 8:00am-8:50am (MTH 0405)
0104 **(36143)** STAFF
MWF 8:00am-8:50am (MTH 0306)
0201 **(36145)** STAFF
MWF 9:00am-9:50am (MTH 0101)
0202 **(36146)** STAFF
MWF 9:00am-9:50am (MTH 0407)
0203 **(36147)** STAFF
MWF 9:00am-9:50am (MTH 0405)
0204 **(36148)** STAFF
MWF 9:00am-9:50am (MTH 0306)
0301 **(36150)** STAFF
MWF 3:00pm-3:50pm (MTH 0101)
0302 **(36151)** STAFF
MWF 3:00pm-3:50pm (MTH 0407)
0401 **(36155)** STAFF
MWF 4:00pm-4:50pm (MTH 0101)
0402 **(36156)** STAFF
MWF 4:00pm-4:50pm (MTH 0407)
0711 **(36160)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 8:00am-9:15am (MTH 0409) Dis
0712 **(36161)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 8:00am-9:15am (MTH 1313) Dis
0721 **(36162)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 9:30am-10:45am (MTH 0409) Dis
0722 **(36163)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 9:30am-10:45am (MTH 1313) Dis
0731 **(36164)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 11:00am-12:15pm (MTH 0409) Dis
0732 **(36165)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 11:00am-12:15pm (MTH 1313) Dis
0741 **(36166)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 12:30pm-1:45pm (MTH 0409) Dis
0751 **(36167)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 2:00pm-3:15pm (MTH 0409) Dis
0761 **(36168)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 3:30pm-4:45pm (MTH 0409) Dis

MATH115+ Precalculus; (3) REG/P-F/AUD. *Prerequisite: permission of department based on satisfactory score on the mathematics placement exam or MATH 002. Not open to students who have completed MATH 140 or any MATH or STAT course for which MATH 140 is a prerequisite.* Restricted to students in a First Year Focus Cluster. All sections will require the use of a TI graphics calculator. Instructor will use a TI-82 or TI-83.
0302 **(36178)** STAFF
MWF 3:00pm-3:50pm (MTH 0407)
0721 **(36180)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 9:30am-10:45am (MTH 0409) Dis
0731 **(36182)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 11:00am-12:15pm (MTH 0409) Dis
0732 **(36179)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 11:00am-12:15pm (MTH 1313) Dis
A student enrolled in MATH A140 Spring 1997, will have a reserved seat in MATH 140 for the Fall 1997 semester. The enrollment must be confirmed during Fall 1997 advance registration.

MATH140 Calculus I; (4) REG/P-F/AUD. CORE: MS *Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory score on the mathematics placement exam or MATH 115. Credit will be granted for only one of the following: MATH 140 or MATH 220.* All sections will require the use of a TI graphics calculator. Instructor will use a TI-82 or TI-83. Emphasis on student interaction in groups, including team approach to solving calculus based problems. There will be 3 one-hour lectures and 2 eighty-minute workshops each week with enhanced assistance and support for students.
0111 **(36188)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 8:00am-9:20am (MTH 0403) Dis
0112 **(36189)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 8:00am-9:20am (MTH 0106) Dis
0113 **(36190)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 8:00am-9:20am (MTH 0302) Dis
0114 **(36191)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 8:00am-9:20am (MTH 0411) Dis
0121 **(36192)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 9:30am-10:50am (MTH 0403) Dis
0122 **(36193)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 9:30am-10:50am (MTH 0106) Dis
0123 **(36194)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 9:30am-10:50am (MTH 0302) Dis
0124 **(36195)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 9:30am-10:50am (MTH 0411) Dis
0131 **(36196)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0403) Dis
0132 **(36197)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0106) Dis
0211 **(36198)** Wolfe, P.
MWF 10:00am-10:50am (ARM 0126)
TuTh 8:00am-9:20am (MTH 0102) Dis
0212 **(36199)** Wolfe, P.
MWF 10:00am-10:50am (ARM 0126)
TuTh 8:00am-9:20am (MTH 0303) Dis
0213 **(36200)** Wolfe, P.
MWF 10:00am-10:50am (ARM 0126)
TuTh 8:00am-9:20am (MTH 0304) Dis
0221 **(36202)** Wolfe, P.
MWF 10:00am-10:50am (ARM 0126)
TuTh 9:30am-10:50am (MTH 0102) Dis
0222 **(36203)** Wolfe, P.
MWF 10:00am-10:50am (ARM 0126)
TuTh 9:30am-10:50am (MTH 0303) Dis
0223 **(36204)** Wolfe, P.
MWF 10:00am-10:50am (ARM 0126)
TuTh 9:30am-10:50am (MTH 0304) Dis
0231 **(36206)** Wolfe, P.
MWF 10:00am-10:50am (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0302) Dis
0232 **(36207)** Wolfe, P.
MWF 10:00am-10:50am (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0411) Dis
0311 **(36208)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0102) Dis
0312 **(36209)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0303) Dis
0321 **(36210)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 12:30pm-1:50pm (MTH 0102) Dis
0322 **(36211)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 12:30pm-1:50pm (MTH 0303) Dis
0323 **(36212)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 12:30pm-1:50pm (MTH 0304) Dis
0324 **(36213)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 12:30pm-1:50pm (MTH 0104) Dis
0331 **(36214)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 2:00pm-3:20pm (MTH 0102) Dis
0332 **(36215)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 2:00pm-3:20pm (MTH 0303) Dis
0333 **(36216)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 2:00pm-3:20pm (MTH 0304) Dis
0334 **(36217)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 2:00pm-3:20pm (MTH 0104) Dis
0411 **(36218)** Rudolph, D.
MWF 2:00pm-2:50pm (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0304) Dis
0412 **(36219)** Rudolph, D.
MWF 2:00pm-2:50pm (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0104) Dis
0421 **(36220)** Rudolph, D.
MWF 2:00pm-2:50pm (ARM 0126)
TuTh 12:30pm-1:50pm (MTH 0403) Dis
0422 **(36221)** Rudolph, D.
MWF 2:00pm-2:50pm (ARM 0126)
TuTh 12:30pm-1:50pm (MTH 0106) Dis
0423 **(36222)** Rudolph, D.
MWF 2:00pm-2:50pm (ARM 0126)
TuTh 12:30pm-1:50pm (MTH 0302) Dis
0431 **(36224)** Rudolph, D.
MWF 2:00pm-2:50pm (ARM 0126)
TuTh 2:00pm-3:20pm (MTH 0403) Dis
0432 **(36225)** Rudolph, D.
MWF 2:00pm-2:50pm (ARM 0126)
TuTh 2:00pm-3:20pm (MTH 0106) Dis
0433 **(36226)** Rudolph, D.
MWF 2:00pm-2:50pm (ARM 0126)
TuTh 2:00pm-3:20pm (MTH 0302) Dis

MATH140+ Calculus I; (4) REG/P-F/AUD. CORE: MS *Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory score on the mathematics placement exam or MATH 115. Credit will be granted for only one of the following: MATH 140 or MATH 220.* Restricted to students in a First Year Focus Cluster. All sections will require the use of a TI graphics calculator. Instructor will use a TI-82 or TI-83.
0114 **(36241)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 8:00am-9:20am (MTH 0411) Dis
0231 **(36237)** Wolfe, P.
MWF 10:00am-10:50am (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0302) Dis
0312 **(36238)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0303) Dis
0422 **(36243)** Rudolph, D.
MWF 2:00pm-2:50pm (ARM 0126)
TuTh 12:30pm-1:50pm (MTH 0106) Dis
0423 **(36240)** Rudolph, D.
MWF 2:00pm-2:50pm (ARM 0126)
TuTh 12:30pm-1:50pm (MTH 0302) Dis

MATH140H Calculus I; (4) REG/P-F/AUD. CORE: MS *Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory score on the mathematics placement exam or MATH 115. Credit will be granted for only one of the following: MATH 140 or MATH 220.* For general honors students only. Offered fall only.
2011 **(36248)** Li, J.
M 12:00pm-1:50pm (MTH 0105)
WF 12:00pm-12:50pm (MTH 0105)
2021 **(36249)** Green, P.
MF 2:00pm-2:50pm (MTH 0105)
W 1:00pm-2:50pm (MTH 0105)
2031 **(36250)** Herb, R.
MF 10:00am-10:50am (MTH 0304)
W 9:00am-10:50am (MTH 0304)

MATH141 Calculus II; (4) REG/P-F/AUD. CORE: MS *Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221.* All sections will require the use of a TI graphics calculator. Instructor will use a TI-82 or TI-83 calculator
0111 **(36260)** Warner, C.
MWF 11:00am-11:50am (ARM 0135)
TuTh 8:00am-8:50am (MTH 0405) Dis
0121 **(36262)** Warner, C.
MWF 11:00am-11:50am (ARM 0135)
TuTh 9:00am-9:50am (MTH 0405) Dis
0131 **(36264)** Warner, C.
MWF 11:00am-11:50am (ARM 0135)
TuTh 10:00am-10:50am (MTH 0405) Dis
0132 **(36265)** Warner, C.
MWF 11:00am-11:50am (ARM 0135)
TuTh 10:00am-10:50am (MTH 1308) Dis
0141 **(36266)** Warner, C.
MWF 11:00am-11:50am (ARM 0135)
TuTh 11:00am-11:50am (MTH 0405) Dis
0142 **(36267)** Warner, C.
MWF 11:00am-11:50am (ARM 0135)
TuTh 11:00am-11:50am (MTH 1308) Dis
0211 **(36268)** Adams, J.
MWF 12:00pm-12:50pm (ARM 0126)
TuTh 8:00am-8:50am (MTH 0306) Dis
0221 **(36270)** Adams, J.
MWF 12:00pm-12:50pm (ARM 0126)
TuTh 9:00am-9:50am (MTH 0306) Dis
0231 **(36272)** Adams, J.
MWF 12:00pm-12:50pm (ARM 0126)
TuTh 10:00am-10:50am (MTH 0306) Dis
0232 **(36273)** Adams, J.
MWF 12:00pm-12:50pm (ARM 0126)
TuTh 10:00am-10:50am (MTH 1311) Dis
0241 **(36274)** Adams, J.
MWF 12:00pm-12:50pm (ARM 0126)
TuTh 11:00am-11:50am (MTH 0306) Dis
0242 **(36275)** Adams, J.
MWF 12:00pm-12:50pm (ARM 0126)
TuTh 11:00am-11:50am (MTH 1311) Dis
0311 **(36276)** Ellis, R.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 12:00pm-12:50pm (MTH 0405) Dis
0312 **(36277)** Ellis, R.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 12:00pm-12:50pm (MTH 0306) Dis
0321 **(36278)** Ellis, R.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 1:00pm-1:50pm (MTH 0405) Dis
0322 **(36279)** Ellis, R.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 1:00pm-1:50pm (MTH 0306) Dis
0331 **(36280)** Ellis, R.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 2:00pm-2:50pm (MTH 0405) Dis
0341 **(36282)** Ellis, R.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 3:00pm-3:50pm (MTH 0405) Dis

MATH141H Calculus II; (4) REG/P-F/AUD. CORE: MS *Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221.* For general honors students only. TI graphics calculator required. Instructor will use a TI-82 or TI-83 calculator.
2011 **(36293)** Grove, K.
TuTh 11:00am-12:15pm (MTH 0305)
F 11:00am-11:50am (MTH 0305)
2111 **(36294)** Helzer, G.
MF 8:00am-8:50am (MTH B0427)
W 8:00am-9:50am (MTH B0427)

MATH210 Elements of Mathematics; (4) REG/P-F/AUD. *Prerequisite: one year of college preparatory algebra. Required for majors in elementary education, and open only to students in this field.* MATH 210 is open only to the following majors: 08230-Educ Early Childhood, 0823X-Pre-Early Childhood Educ, 08020-Educ Elem, 0802X-Pre Elem Educ, 0808B-Spec Educ, 0808X-Prespecial Educ.
0101 **(36304)** STAFF
MW 8:00am-8:50am (MTH B0425)
F 8:00am-9:50am (MTH B0425)
0201 **(36305)** STAFF
MW 9:00am-9:50am (MTH B0425)
Th 8:00am-9:50am (MTH B0425)
0301 **(36306)** STAFF
MF 9:00am-9:50am (MTH B0427)
Th 8:00am-9:50am (MTH B0427)
0401 **(36307)** STAFF
MTh 11:00am-11:50am (MTH B0427)
W 11:00am-12:50pm (MTH B0427)
0501 **(36308)** STAFF
MF 11:00am-11:50am (MTH B0425)
W 11:00am-12:50pm (MTH B0425)

MATH211 Elements of Geometry; (4) REG/P-F/AUD. *Prerequisite: MATH 210.*
0101 **(36318)** STAFF
MF 1:00pm-1:50pm (MTH B0423)
W 12:00pm-1:50pm (MTH B0423)
0201 **(36319)** STAFF
MW 1:00pm-1:50pm (MTH B0427)
Th 1:00pm-2:50pm (MTH B0427)
0301 **(36320)** STAFF
MF 2:00pm-2:50pm (MTH B0427)
Tu 1:00pm-2:50pm (MTH B0427)
A student enrolled in MATH A220 Spring 1997, will have a reserved seat in MATH 220 for the Fall 1997 semester. The enrollment must be confirmed during Fall 1997 advance registration.

MATH220 Elementary Calculus I; (3) REG/P-F/AUD. CORE: MS *Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory performance on the mathematics placement exam, or MATH 113, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 140 or MATH 220.*
0111 **(36330)** Zedek, M.
MWF 10:00am-10:50am (ARM 0135)
Tu 8:00am-8:50am (MTH 0101) Dis
0112 **(36331)** Zedek, M.
MWF 10:00am-10:50am (ARM 0135)
Tu 8:00am-8:50am (MTH 0307) Dis
0121 **(36332)** Zedek, M.
MWF 10:00am-10:50am (ARM 0135)
Tu 9:00am-9:50am (MTH 0101) Dis
0122 **(36333)** Zedek, M.
MWF 10:00am-10:50am (ARM 0135)
Tu 9:00am-9:50am (MTH 0307) Dis
0131 **(36334)** Zedek, M.
MWF 10:00am-10:50am (ARM 0135)
Tu 10:00am-10:50am (MTH 0101) Dis
0132 **(36335)** Zedek, M.
MWF 10:00am-10:50am (ARM 0135)
Tu 10:00am-10:50am (MTH 0307) Dis
0141 **(36336)** Zedek, M.
MWF 10:00am-10:50am (ARM 0135)
Tu 11:00am-11:50am (MTH 0101) Dis
0142 **(36337)** Zedek, M.
MWF 10:00am-10:50am (ARM 0135)
Tu 11:00am-11:50am (MTH 0307) Dis
0211 **(36338)** Hamilton, D.
MWF 2:00pm-2:50pm (ARM 0135)
Th 8:00am-8:50am (MTH 0101) Dis
0212 **(36339)** Hamilton, D.
MWF 2:00pm-2:50pm (ARM 0135)
Th 8:00am-8:50am (MTH 0307) Dis
0221 **(36340)** Hamilton, D.
MWF 2:00pm-2:50pm (ARM 0135)
Th 9:00am-9:50am (MTH 0101) Dis
0222 **(36341)** Hamilton, D.
MWF 2:00pm-2:50pm (ARM 0135)
Th 9:00am-9:50am (MTH 0307) Dis
0231 **(36342)** Hamilton, D.
MWF 2:00pm-2:50pm (ARM 0135)
Th 10:00am-10:50am (MTH 0101) Dis
0232 **(36343)** Hamilton, D.
MWF 2:00pm-2:50pm (ARM 0135)
Th 10:00am-10:50am (MTH 0307) Dis
0241 **(36344)** Hamilton, D.
MWF 2:00pm-2:50pm (ARM 0135)
Th 11:00am-11:50am (MTH 0101) Dis
0242 **(36345)** Hamilton, D.
MWF 2:00pm-2:50pm (ARM 0135)
Th 11:00am-11:50am (MTH 0307) Dis
0311 **(36346)** Greenberg, L.
TuTh 12:30pm-1:45pm (ARM 0126)
F 12:00pm-12:50pm (MTH 0103) Dis
0312 **(36347)** Greenberg, L.
TuTh 12:30pm-1:45pm (ARM 0126)
F 12:00pm-12:50pm (MTH 0102) Dis
0321 **(36348)** Greenberg, L.
TuTh 12:30pm-1:45pm (ARM 0126)
F 1:00pm-1:50pm (MTH 0103) Dis
0322 **(36349)** Greenberg, L.
TuTh 12:30pm-1:45pm (ARM 0126)
F 1:00pm-1:50pm (MTH 0102) Dis
0331 **(36350)** Greenberg, L.
TuTh 12:30pm-1:45pm (ARM 0126)
F 2:00pm-2:50pm (MTH 0103) Dis
0332 **(36351)** Greenberg, L.
TuTh 12:30pm-1:45pm (ARM 0126)
F 2:00pm-2:50pm (MTH 0102) Dis
0341 **(36352)** Greenberg, L.
TuTh 12:30pm-1:45pm (ARM 0126)
F 3:00pm-3:50pm (MTH 0103) Dis
0342 **(36353)** Greenberg, L.
TuTh 12:30pm-1:45pm (ARM 0126)
F 3:00pm-3:50pm (MTH 0102) Dis
0411 **(36354)** Goldberg, S.
TuTh 2:00pm-3:15pm (ARM 0126)
M 12:00pm-12:50pm (MTH 0103) Dis
0412 **(36355)** Goldberg, S.
TuTh 2:00pm-3:15pm (ARM 0126)
M 12:00pm-12:50pm (MTH 0102) Dis
0421 **(36356)** Goldberg, S.
TuTh 2:00pm-3:15pm (ARM 0126)
M 1:00pm-1:50pm (MTH 0103) Dis
0422 **(36357)** Goldberg, S.
TuTh 2:00pm-3:15pm (ARM 0126)
M 1:00pm-1:50pm (MTH 0102) Dis
0431 **(36358)** Goldberg, S.
TuTh 2:00pm-3:15pm (ARM 0126)
M 2:00pm-2:50pm (MTH 0103) Dis
0432 **(36359)** Goldberg, S.
TuTh 2:00pm-3:15pm (ARM 0126)
M 2:00pm-2:50pm (MTH 0102) Dis
0441 **(36360)** Goldberg, S.
TuTh 2:00pm-3:15pm (ARM 0126)
M 3:00pm-3:50pm (MTH 0103) Dis
0442 **(36361)** Goldberg, S.
TuTh 2:00pm-3:15pm (ARM 0126)
M 3:00pm-3:50pm (MTH 0102) Dis
0501 **(36362)** Lay, D.
MF 11:00am-11:50am (MTH 1308)
W 11:00am-12:50pm (MTH 1308)
Section 0501 is an experimental section, Applied Calculus: A Graphing Approach. The topics covered are essentially the same as in other sections of MATH 220. However, the TI-83 graphing calculator will be used extensively to gain insights into the fundamental concepts of calculus. There will be considerable emphasis on translating back and forth among graphs, formulas, numbers and words. Students must have a TI-83 calculator for use throughout the course.

MATH221 Elementary Calculus II; (3) REG/P-F/AUD. CORE: MS *Prerequisite: MATH 220, or MATH 140, or equivalent. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 141 or MATH 221.*
0111 **(36372)** Schneider, D.
MWF 12:00pm-12:50pm (ARM 0135)
Tu 8:00am-8:50am (MTH B0425) Dis
0121 **(36374)** Schneider, D.
MWF 12:00pm-12:50pm (ARM 0135)
Tu 9:00am-9:50am (MTH B0425) Dis
0131 **(36376)** Schneider, D.
MWF 12:00pm-12:50pm (ARM 0135)
Tu 10:00am-10:50am (MTH B0425) Dis
0132 **(36377)** Schneider, D.
MWF 12:00pm-12:50pm (ARM 0135)
Tu 10:00am-10:50am (MTH B0427) Dis
0141 **(36378)** Schneider, D.
MWF 12:00pm-12:50pm (ARM 0135)
Tu 11:00am-11:50am (MTH B0425) Dis
0142 **(36379)** Schneider, D.
MWF 12:00pm-12:50pm (ARM 0135)
Tu 11:00am-11:50am (MTH B0427) Dis
0211 **(36380)** Goldberg, S.
TuTh 11:00am-12:15pm (ARM 0126)
W 12:00pm-12:50pm (MTH 0103) Dis
0212 **(36381)** Goldberg, S.
TuTh 11:00am-12:15pm (ARM 0126)
W 12:00pm-12:50pm (MTH 0102) Dis

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

(MATH221 cont'd)

0221 **(36382)** Goldberg, S.
TuTh 11:00am-12:15pm (ARM 0126)
W 1:00pm-1:50pm (MTH 0103) Dis
0222 **(36383)** Goldberg, S.
TuTh 11:00am-12:15pm (ARM 0126)
W 1:00pm-1:50pm (MTH 0102) Dis
0231 **(36384)** Goldberg, S.
TuTh 11:00am-12:15pm (ARM 0126)
W 2:00pm-2:50pm (MTH 0103) Dis
0241 **(36386)** Goldberg, S.
TuTh 11:00am-12:15pm (ARM 0126)
W 3:00pm-3:50pm (MTH 0103) Dis

MATH240 Introduction to Linear Algebra; (4) REG/P-F/AUD. CORE: MS *Prerequisite: MATH 141 or equivalent. Credit will be granted for only one of the following: MATH 240 or MATH 400 or MATH 461.*
0111 **(36397)** Kueker, D.
MWF 1:00pm-1:50pm (ARM 0135)
TuTh 12:00pm-12:50pm (MTH 0105) Dis
0112 **(36398)** Kueker, D.
MWF 1:00pm-1:50pm (ARM 0135)
TuTh 12:00pm-12:50pm (MTH B0429) Dis
0121 **(36399)** Kueker, D.
MWF 1:00pm-1:50pm (ARM 0135)
TuTh 1:00pm-1:50pm (MTH 0105) Dis
0122 **(36400)** Kueker, D.
MWF 1:00pm-1:50pm (ARM 0135)
TuTh 1:00pm-1:50pm (MTH B0429) Dis
0131 **(36401)** Kueker, D.
MWF 1:00pm-1:50pm (ARM 0135)
TuTh 2:00pm-2:50pm (MTH 0105) Dis
0141 **(36403)** Kueker, D.
MWF 1:00pm-1:50pm (ARM 0135)
TuTh 3:00pm-3:50pm (MTH 0105) Dis

MATH241 Calculus III; (4) REG/P-F/AUD. *Prerequisites: MATH 141 and any one of the following: MATH 240 or ENES 102 or PHYS 161 or PHYS 171.*
1411 **(36414)** Laskowski, M.
MWF 11:00am-11:50am (ARM 0131)
TuTh 8:00am-8:50am (MTH 0105) Dis
1421 **(36416)** Laskowski, M.
MWF 11:00am-11:50am (ARM 0131)
TuTh 9:00am-9:50am (MTH 0105) Dis
1431 **(36418)** Laskowski, M.
MWF 11:00am-11:50am (ARM 0131)
TuTh 10:00am-10:50am (MTH 0105) Dis
1441 **(36420)** Laskowski, M.
MWF 11:00am-11:50am (ARM 0131)
TuTh 11:00am-11:50am (MTH 0105) Dis
1501 **(36422)** Kleppner, A.
MF 8:00am-8:50am (MTH 0105)
W 8:00am-9:50am (MTH 0105)
1601 **(36423)** Auslander, J.
MW 12:00pm-12:50pm (MTH 0104)
F 11:00am-12:50pm (MTH 0104)
1701 **(36424)** Chu, H.
MW 8:00am-8:50am (MTH 0305)
F 8:00am-9:50am (MTH 0305)
1901 **(36426)** Green, P.
MTuWF 2:00pm-2:50pm (MTH 0305)
2001 **(36427)** Winkelnkemper, H.
TuTh 3:30pm-4:45pm (MTH 0403)
W 4:00pm-4:50pm (MTH 0403)
2101 **(36428)** Grillakis, M.
MF 12:00pm-12:50pm (MTH 0305)
W 11:00am-12:50pm (MTH 0305)
2201 **(36429)** STAFF
M 9:00am-10:50am (MTH 0105)
WF 10:00am-10:50am (MTH 0105)
2301 **(36430)** Coombes, K.
MF 1:00pm-1:50pm (MTH 0409)
W 1:00pm-2:50pm (MTH 0409)

MATH241H Calculus III; (4) REG/P-F/AUD. *Prerequisites: MATH 141 and any one of the following: MATH 240 or ENES 102 or PHYS 161 or PHYS 171.* For general honors students only.
2011 **(36440)** Kudla, S.
M 10:00am-11:50am (MTH 0305)
WF 10:00am-10:50am (MTH 0305)

MATH246 Differential Equations for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisite: MATH 141 or equivalent.*
0201 **(36451)** Jakobson, M.
MWF 12:00pm-12:50pm (MTH 0304)
0301 **(36452)** Kudla, S.
MWF 1:00pm-1:50pm (MTH 0305)
0601 **(36455)** Schafer, J.
TuTh 9:30am-10:45am (MTH 0201)
0701 **(36456)** Machedon, M.
TuTh 11:00am-12:15pm (MTH B0421)
0801 **(36457)** Nochetto, R.
TuTh 2:00pm-3:15pm (MTH B0421)
1001 **(37069)** STAFF
MWF 12:00pm-12:50pm (MTH 0409)

MATH246E Differential Equations for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisite: MATH 141 or equivalent.* Restricted to students in the College of Engineering.
0101 **(36459)** Osborn, J.
MWF 8:00am-8:50am (MTH B0421)
0401 **(36460)** Hunt, B.
MWF 2:00pm-2:50pm (MTH B0423)
0901 **(36461)** Von Petersdorff, T.
TuTh 3:30pm-4:45pm (MTH 0101)

MATH246H Differential Equations for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisite: MATH 141 or equivalent.*
2011 **(36468)** Brin, M.
MWF 9:00am-9:50am (MTH 1311)

MATH250 *(PermReq)* **Analysis I (Honors); (4)** REG/P-F/AUD. CORE: MS *Prerequisite: permission of department.* Offered fall only.
0111 **(36478)** Schwartz, R.
M 10:00am-11:50am (MTH 0104)
WF 10:00am-10:50am (MTH 0104)

MATH299A *(PermReq)* **Selected Topics in Mathematics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH310 Introduction to Analysis; (3) REG. *Prerequisite: MATH 141. Corequisite: MATH 241. Math majors may not use this course to satisfy an upper-level requirement.*
0101 **(36492)** Sweet, D.
MWF 9:00am-9:50am (MTH 0303)

MATH386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

MATH401 Applications of Linear Algebra; (3) REG/P-F/AUD. *Prerequisite: MATH 240 or MATH 461.*
0101 **(36504)** Helzer, G.
MWF 10:00am-10:50am (MTH 0407)
0201 **(36505)** Chu, H.
MWF 1:00pm-1:50pm (MTH 0403)
0301 **(36506)** Lopez-Escobar, E.
TuTh 9:30am-10:45am (MTH B0421)
0401 **(36507)** Adams, W.
TuTh 3:30pm-4:45pm (MTH 0407)

MATH402 Algebraic Structures; (3) REG/P-F/AUD. *Prerequisite: MATH 240 or equivalent. Not open to mathematics graduate students. Credit will be granted for only one of the following: MATH 402 or MATH 403.* Students planning graduate work in mathematics should take MATH 403.
0101 **(36517)** Schneider, D.
MWF 11:00am-11:50am (MTH 1311)
0201 **(36518)** Iozzi, A.
TuTh 12:30pm-1:45pm (MTH 1313)

MATH403 Introduction to Abstract Algebra; (3) REG/P-F/AUD. *Prerequisites: MATH 240 and MATH 241, or equivalent. Credit will be granted for only one of the following: MATH 402 or MATH 403.*
0101 **(36528)** Washington, L.
TuTh 2:00pm-3:15pm (MTH 0101)

MATH405 Linear Algebra; (3) REG/P-F/AUD. *Prerequisite: MATH 240 or MATH 461.*
0101 **(36538)** Adams, W.
TuTh 9:30am-10:45am (MTH 0401)

MATH406 Introduction to Number Theory; (3) REG/P-F/AUD. *Prerequisite: MATH 141 or permission of department.*
0101 **(36548)** Auslander, J.
MWF 2:00pm-2:50pm (MTH 0107)
0201 **(36549)** Wolpert, S.
TuTh 3:30pm-4:45pm (MTH 0307)

MATH410 *(PermReq)* **Advanced Calculus I; (3)** REG/P-F/AUD. *Prerequisites: MATH 240 and MATH 241 with a grade of C or better. Not open to students who have completed MATH 250.*
0101 **(36559)** Boyle, M.
MWF 10:00am-10:50am (MTH B0421)
0201 **(36560)** Sweet, D.
MWF 12:00pm-12:50pm (MTH 0106)

MATH411 *(PermReq)* **Advanced Calculus II; (3)** REG/P-F/AUD. *Prerequisite: MATH 410. Not open to students who have completed MATH 250 and MATH 251.*
0101 **(36570)** Sather, J.
MWF 9:00am-9:50am (MTH B0421)

MATH430 Euclidean and Non-Euclidean Geometries; (3) REG/P-F/AUD. *Prerequisite: MATH 141.*
0101 **(36580)** Fey, J.
TuTh 11:00am-12:15pm (MTH 0201)

MATH436 Differential Geometry of Curves and Surfaces I; (3) REG/P-F/AUD. *Prerequisites: MATH 241; and either MATH 240 or MATH 461.*
0101 **(36590)** Gray, A.
MWF 10:00am-10:50am (MTH 0107)

MATH450 Logic for Computer Science; (3) REG/P-F/AUD. *Prerequisites: (CMSC 251 and MATH 141) (with grade of C or better). Also offered as CMSC 450. Credit will be granted for only one of the following: MATH 445 or MATH 450/CMSC 450.*
0101 **(36600)** Lopez-Escobar, E.
TuTh 12:30pm-1:45pm (MTH 0305)

MATH452 Introduction to Dynamics and Chaos; (3) REG/P-F/AUD. *Prerequisite: MATH 246.*
0101 **(36610)** Gulick, D.
MWF 9:00am-9:50am (MTH 1313)

MATH461 Linear Algebra for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisites: MATH 141 and one MATH/STAT course for which MATH 141 is a prerequisite. This course cannot be used toward the upper level math requirements for MATH/STAT majors. Credit will be granted for only one of the following: MATH 240, MATH 400 or MATH 461.*
0101 **(36620)** Ellis, R.
MWF 10:00am-10:50am (MTH 0101)
0201 **(36621)** Neri, U.
MWF 12:00pm-12:50pm (MTH 0411)
0301 **(36622)** Alexander, J.
MWF 1:00pm-1:50pm (CSS 2114)
0401 **(36623)** Winkelnkemper, H.
TuTh 12:30pm-1:45pm (MTH B0421)
0501 **(36624)** Warner, C.
TuTh 2:00pm-3:15pm (MTH 0307)

MATH462 Partial Differential Equations for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisites: MATH 241; and MATH 246. Credit will be granted for only one of the following: MATH 462 or MATH 415.* Section 0301 will be taught jointly by C. Grebogi and B. Hunt.
0201 **(36635)** Cooper, J.
MWF 12:00pm-12:50pm (MTH 0306)
0301 **(36636)** Grebogi, C.
TuTh 12:30pm-1:45pm (MTH 0101)

MATH463 Complex Variables for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisite: MATH 241 or equivalent.*
0101 **(36646)** Jakobson, M.
MWF 11:00am-11:50am (MTH 0306)
0201 **(36647)** Zedek, M.
MWF 12:00pm-12:50pm (MTH 0307)
0401 **(36649)** Grebogi, C.
TuTh 9:30am-10:45am (MTH 0407)
0501 **(36650)** Greenberg, L.
TuTh 2:00pm-3:15pm (MTH 0103)

MATH464 Transform Methods for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisite: MATH 246.*
0101 **(36660)** Grillakis, M.
MWF 10:00am-10:50am (MTH 1311)

MATH475 Combinatorics and Graph Theory; (3) REG/P-F/AUD. *Prerequisites: MATH 240; and MATH 241. Also offered as CMSC 475. Credit will be granted for only one of the following: MATH 475 or CMSC 475.*
0101 **(36680)** Adams, J.
MWF 2:00pm-2:50pm (MTH 0401)

MATH478A *(PermReq)* **Selected Topics For Teachers of Mathematics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. MATH 478A cannot be used toward the upper level MATH requirements for MATH/STAT majors. Earn credit for assisting in the classroom for selected mathematics courses. For further information come to MTH 1117.

MATH498A *(PermReq)* **Selected Topics in Mathematics; (1-9)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH600 Abstract Algebra I; (3) REG/AUD. *Prerequisite: MATH 405 or equivalent.* Offered fall only.
0101 **(36733)** Coombes, K.
MWF 11:00am-11:50am (MTH 0307)

MATH602 Homological Algebra; (3) REG/AUD. *Prerequisite: MATH 600.*
0101 **(36743)** Schafer, J.
TuTh 11:00am-12:15pm (MTH B0423)

MATH608A Selected Topics in Algebra; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH608B Selected Topics in Algebra: Algebraic Number Theory; (3) REG/AUD.
0201 **(37068)** Washington, L.
TuTh 12:30pm-1:45pm (MTH 1308)

MATH630 Real Analysis I; (3) REG/AUD. *Prerequisite: MATH 411 or equivalent.*
0101 **(36772)** Johnson, R.
MWF 9:00am-9:50am (MTH 0103)

MATH642 Dynamical Systems I; (3) REG/AUD. *Prerequisites: MATH 432; and MATH 630 or equivalent.* Offered fall only.
0101 **(36792)** Berg, K.
MWF 9:00am-9:50am (MTH B0423)

MATH648A Selected Topics in Analysis; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH648B Selected Topics in Analysis: Wavelet Theory and Applications; (3) REG/AUD.
0201 **(36833)** Benedetto, J.
TuTh 9:30am-10:45am (MTH B0431)

MATH660 Complex Analysis I; (3) REG/AUD. *Prerequisite: MATH 410 or equivalent.*
0101 **(36843)** Hamilton, D.
MWF 12:00pm-12:50pm (MTH 1311)

MATH668A Selected Topics in Complex Analysis; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH668C Selected Topics in Complex Analysis: Several Complex Variables; (3) REG/AUD.
0301 **(36857)** Chang, D.
MWF 10:00am-10:50am (MTH 1308)

MATH670 Ordinary Differential Equations I; (3) REG/AUD. *Prerequisites: MATH 405; and MATH 410 or the equivalent. Also offered as MAPL 670.* Offered fall only.
0101 **(36867)** Stuck, G.
MWF 1:00pm-1:50pm (MTH 0107)

MATH673 Partial Differential Equations I; (3) REG/AUD. *Prerequisite: MATH 411 or equivalent. Also offered as MAPL 673. Credit will be granted for only one of the following: MATH 673 or MAPL 673.* Offered fall only.
0101 **(36877)** Glaz, H.
MWF 11:00am-11:50am (MTH 0304)

MATH685 Modern Methods in Partial Differential Equations I; (3) REG/AUD. *Prerequisites: MATH 630; and MATH 631. Also offered as MAPL 685.*
0101 **(36887)** Machedon, M.
TuTh 12:30pm-1:45pm (MTH 1311)

MATH695 Teaching Seminar; (1) REG. *For MATH majors only.*
0101 **(36888)** Lay, D.
Tu 3:30pm-5:00pm (MTH 0304)

MATH710 Consistency Proofs in Set Theory; (3) REG/AUD. *Prerequisites: MATH 446; and MATH 447.*
0101 **(36897)** Laskowski, M.
MWF 2:00pm-2:50pm (MTH B0425)

MATH712 Mathematical Logic I; (3) REG/AUD. Offered fall only.
0101 **(36907)** Kueker, D.
MWF 10:00am-10:50am (MTH B0427)

MATH718A Selected Topics in Mathematical Logic; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH730 Fundamental Concepts of Topology; (3) REG/AUD. *Prerequisites: (MATH 410; and MATH 411; and MATH 403) or equivalent.*
0101 **(36921)** Iozzi, A.
TuTh 9:30am-10:45am (MTH B0423)

MATH740 Riemannian Geometry; (3) REG/AUD. *Prerequisites: (MATH 405; and MATH 411) or equivalent.*
0101 **(36931)** Millson, J.
TuTh 2:00pm-3:15pm (MTH B0431)

MATH744 Lie Groups I; (3) REG/AUD. *Prerequisite: (MATH 403; MATH 405; MATH 411 and MATH 432) or equivalent.*
0101 **(36941)** Goldman, W.
MWF 1:00pm-1:50pm (MTH 0411)

MATH748A Selected Topics in Geometry and Topology; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH748C Selected Topics in Geometry and Topology: Poisson and Symplectic Manifolds; (3) REG/AUD.
0101 **(36967)** Novikov, S.
MWF 2:00pm-2:50pm (MTH 0201)

MATH799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

MATH899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MEES Marine-Estuarine-Environmental Sciences
(Life Sciences)

MEES608B Seminar in Marine-Estuarine-Environmental Sciences: Current Topics in Aquatic Toxicology; (1) REG/AUD. Course is taught at the Chesapeake Biological Laboratory.
0101 **(37169)** Haasch, M.
M 3:30pm-4:30pm (Arranged)

MEES608C Seminar in Marine-Estuarine-Environmental Sciences: Fisheries; (1) REG/AUD. Course is taught at the Chesapeake Biological Laboratory.
0101 **(37179)** Miller, T.
W 3:30pm-4:30pm (Arranged)

MEES608K Seminar in Marine-Estuarine-Environmental Sciences: Phytoplankton Primary Producation; (1) REG/AUD. Course is taught at the Horn Point Environmental Laboratory.
0101 **(37189)** Harding, L.
Tu 9:00am-10:00am (Arranged)

MEES608L Seminar in Marine-Estuarine-Environmental Sciences: Current Topics in Marine Microbial Ecology; (1) REG. Course is taught at the Horn Point Environmental Laboratory.
0101 **(37190)** Stoecker, D.
Th 3:30pm-5:30pm (Arranged)

MEES608S Seminar in Marine-Estuarine-Environmental Sciences: Scientific Presentation; (1) REG/AUD. Course is given at Center of Marine Biotechnology, Baltimore.
0101 **(37199)** Sowers, K.
Th 4:00pm-5:00pm (Arranged)

MEES641 Environmental Toxicology; (3) REG/AUD. *Prerequisite: CHEM 243.*
0101 **(37209)** Nelson, J.
TuTh 9:30am-10:45am (PLS 1113)

MEES661 Physics of Estuarine and Marine Environments; (3) REG/AUD. *Prerequisite: one year of calculus and one year of physics or permission of instructor.* Course is taught at Horn Point Environmental Laboratory and on the Interactive Video Network.
0101 **(37219)** Sanford, L.
MW 1:30pm-3:30pm (SKN 0101)

MEES698B Special Topics in Marine-Estuarine-Environmental Sciences: The Scientific Practice of Environmental Research; (2) REG/AUD. Course is taught at the Chesapeake Biological Laboratory.
0101 **(37220)** Haasch, M.
TuTh 8:00am-9:00am (Arranged)

MEES698D Special Topics in Marine-Estuarine-Environmental Sciences: Benthic Ecology; (3) REG/AUD. Course will be taught at the Chesapeake Biological Laboratory and on the Interactive Video Network.
0101 **(37229)** Tenore, K.
MW 3:30pm-5:00pm (SKN 0101)

MEES698E Special Topics in Marine-Estuarine-Environmental Sciences: Ecology of Fishes; (3) REG/AUD. Course is taught at the Chesapeake Biological Laboratory and on the Interactive Video Network.
0101 **(37239)** Miller, T.
Th 12:30pm-3:30pm (SKN 0101)

MEES698F Special Topics in Marine-Estuarine-Environmental Sciences: Wetland Ecology; (3) REG. Crosslisted with NRMT 489A.
0101 **(37249)** Baldwin, A.
Tu 11:00am-11:50am (ANS 0402)
Th 9:00am-12:50pm (ANS 0402)

MEES698G Special Topics in Marine-Estuarine-Environmental Sciences: Ecotoxicology; (3) REG. Course is taught at the Chesapeake Biological Laboratory.
0101 **(37250)** Wright, D.
M 9:00am-12:00pm (Arranged)

MEES698I Special Topics in Marine-Estuarine-Environmental Sciences: Aquaculture and Fisheries Conservation Genetics; (3) REG/AUD. Course is taught at the Horn Point Environmental Laboratory and on the Interactive Video Network.
0101 **(37259)** Harrell, R.
TuTh 9:00am-10:30am (SKN 0101)

MEES698J Special Topics in Marine-Estuarine-Environmental Sciences: The Marine Nitrogen Cycle; (3) REG/AUD. Course is taught at the Horn Point Environmental Laboratory and on the Interactive Video Network.
0101 **(37269)** Glibert, P.
M 9:00am-12:00pm (SKN 0101)

MEES698L Special Topics in Marine-Estuarine-Environmental Sciences: Environmental Geochemistry I; (3) REG/AUD. Course is taught at the Chesapeake Biological Laboratory and on the Interactive Video Network.
0101 **(37279)** Mason, R.
TuTh 10:45am-12:15pm (SKN 0101)

MEES698Q Special Topics in Marine-Estuarine-Environmental Sciences: Marine and Estuarine Protazoa; (4) REG/AUD. Crosslisted as ZOOL 708P.
0101 **(37299)** Small, E.
TBA (ZOP 0283)
TBA (ZOP 0283) Lab

MEES698R Special Topics in Marine-Estuarine-Environmental Sciences: Ecosystem Ecology; (3) REG/AUD. Course will be taught on the Interactive Video Network. Crosslisted as ZOOL 708R.
0101 **(37309)** Costanza, R.
Tu 2:00pm-5:00pm (SKN 0101)

MEES698S Special Topics in Marine-Estuarine-Environmental Sciences: Dynamic Modeling of Ecological and Economic Systems; (3) REG/AUD. Course will be taught on the Interactive Video Network. Crosslisted as ZOOL 708U and PUAF 698U.
0101 **(37319)** Costanza, R.
F 2:00pm-5:00pm (SKN 0101)

MEES698T *(PermReq)* **Special Topics in Marine-Estuarine-Environmental Sciences: Field and Laboratory Methods for Marine and Estuarine Science; (1)** REG.
0101 **(37320)** Walstad, L.
Time and room to be arranged

MEES699 *(PermReq)* **Special Problems in Marine-Estuarine-Environmental Sciences; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MEES799 Masters Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

MEES899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

METO Meteorology
(Computer, Mathematical and Physical Sciences)

METO200 Weather and Climate; (3) REG/P-F/AUD. CORE: PS
Prerequisites: MATH 110 or MATH 115. Recommended as a corequisite: METO 201.
0101 **(37704)** Robock, A.
TuTh 12:30pm-1:45pm (CSS 1113)
W 2:00pm-2:50pm (CSS 2416) Dis
0102 **(37705)** Robock, A.
TuTh 12:30pm-1:45pm (CSS 1113)
W 3:00pm-3:50pm (CSS 2428) Dis

METO201 Weather and Climate Laboratory; (1) REG/P-F/AUD. CORE: PL *Corequisite: METO 200.*
0101 **(37706)** Robock, A.
Tu 2:30pm-4:30pm (CSS 3426) Lab
0201 **(37707)** Robock, A.
W 10:00am-12:00pm (CSS 3426) Lab

METO400 The Atmosphere; (3) REG. *Prerequisites: CHEM 103; and MATH 241; and MATH 246; and PHYS 263.*
0101 **(37714)** Pinker, R.
TuTh 9:30am-10:45am (CSS 2106)

METO434 Air Pollution; (3) REG/P-F/AUD. *Prerequisites: {CHEM 113 and MATH 241} or permission of department.*
0101 **(37724)** Doddridge, B.
TuTh 2:00pm-3:15pm (CSS 2106)

METO499 *(PermReq)* **Special Problems in Atmospheric Science; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

METO600 Synoptic Meteorology I; (3) REG/AUD. *Pre- or corequisites: METO 610; and METO 620.*
0101 **(37743)** Atlas, R.
TuTh 5:00pm-7:00pm (CSS 2428)

METO610 Dynamic Meteorology I; (3) REG/AUD. *Pre- or corequisite: MATH 462.*
0101 **(37753)** Zhang, D.
MWF 9:00am-9:50am (CSS 2114)

METO614 Numerical Weather Prediction; (3) REG/AUD.
Prerequisite: METO 611 or equivalent.
0101 **(37763)** Baer, F.
TBA (CSS 2114)

METO617 General Circulation of the Atmosphere; (3) REG/AUD.
Prerequisite: METO 610.
0101 **(37773)** Vernekar, A.
MW 11:00am-12:15pm (CSS 2416)

METO620 Physical Meteorology I; (3) REG/AUD. *Prerequisite: MATH 461.*
0101 **(37783)** Ellingson, R.
TuTh 2:00pm-3:15pm (CSS 2416)

METO625 Remote Inference of Atmospheric Properties by Satellite; (3) REG/AUD. *Prerequisites: METO 621; and MATH 461.*
0101 **(37793)** Thompson, O.
TuTh 11:00am-12:15pm (CSS 2114)

METO658E *(PermReq)* **Special Topics in Meteorology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

METO670 General Circulation of the Ocean; (3) REG/AUD.
Prerequisite: METO 610 or equivalent.
0101 **(37814)** Carton, J.
MW 3:00pm-4:15pm (CSS 2106)

METO798 Directed Graduate Research; (1-3) S-F. Individual Instruction course: contact department or instructor to obtain section number. Course intended for those students not yet admitted to PhD candidacy to work on research with a professor.

METO899 Doctoral Dissertation Research; (1-8) S-F. Individual Instruction course: contact department or instructor to obtain section number.

MICB Microbiology
(Life Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

MICB200 General Microbiology; (4) REG/P-F/AUD. CORE: LL
Prerequisite: BIOL 105. Credit will be granted for only one of the following: MICB 100 or MICB 200. Required for all MICB majors and prerequisite for all other departmental courses for MICB majors. Labs will begin on first Wednesday of the semester.
1125 **(37895)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
TuTh 9:00am-10:50am (MCB 1205) Lab
1126 **(37896)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
TuTh 9:00am-11:00am (MCB 1206) Lab
1201 **(37897)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
MW 12:00pm-1:50pm (MCB 1201) Lab
1205 **(37898)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
MW 12:00pm-1:50pm (MCB 1205) Lab
1305 **(37899)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
MW 2:00pm-3:50pm (MCB 1205) Lab
1306 **(37900)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
MW 2:00pm-3:50pm (MCB 1206) Lab
1325 **(37901)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
TuTh 2:00pm-3:50pm (MCB 1205) Lab
1405 **(37902)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
MW 4:00pm-5:50pm (MCB 1205) Lab
1425 **(37903)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
TuTh 4:00pm-5:50pm (MCB 1205) Lab
2101 **(37904)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
MW 9:00am-10:50am (MCB 1201) Lab
2106 **(37905)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
MW 9:00am-10:50am (MCB 1206) Lab
2121 **(37906)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 9:00am-10:50am (MCB 1201) Lab
2226 **(37907)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 12:00pm-1:50pm (MCB 1206) Lab
2301 **(37908)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
MW 2:00pm-3:50pm (MCB 1201) Lab
2321 **(37909)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 2:00pm-3:50pm (MCB 1201) Lab
2326 **(37910)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 2:00pm-3:50pm (MCB 1206) Lab
2401 **(37911)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
MW 4:00pm-5:50pm (MCB 1201) Lab
2406 **(37912)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
MW 4:00pm-5:50pm (MCB 1206) Lab
2421 **(37913)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 4:00pm-5:50pm (MCB 1201) Lab
2426 **(37914)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 4:00pm-5:50pm (MCB 1206) Lab

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8101 **(*****)** Sandlin, R.
TuTh 6:00pm-6:50pm (MCB 1207)
TuTh 7:00pm-9:00pm (MCB 1201) Lab

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Dr. Lucinda Jack, 1122 Symons Hall; phone (301)405-0316; email: evening@life.umd.edu).

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MICB200+ General Microbiology; (4) REG/P-F/AUD. CORE: LL
Prerequisite: BIOL 105. Credit will be granted for only one of the following: MICB 100 or MICB 200. Restricted to College Park Scholars - Life Sciences.
1105 **(37926)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
MW 9:00am-10:50am (MCB 1205) Lab
1206 **(37927)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
MW 12:00pm-1:50pm (MCB 1206) Lab

MICB200H General Microbiology; (4) REG/P-F/AUD. CORE: LL
Prerequisite: BIOL 105. Credit will be granted for only one of the following: MICB 100 or MICB 200. For general honors students only.
0101 **(37937)** Smith, A.
TuTh 11:00am-11:50am (MCB 1207)
TuTh 12:00pm-1:50pm (MCB 1201) Lab
0102 **(37938)** Smith, A.
TuTh 11:00am-11:50am (MCB 1207)
TuTh 12:00pm-1:50pm (MCB 1205) Lab

MICB379 *(PermReq)* **Honors Research; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number. Open only to departmental honors students. Corequisite: MICB 388H.

MICB388 *(PermReq)* **Special Topics in Microbiology; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: two lab courses in microbiology. May be repeated but only 4 credits may be applied to major requirements.

MICB388A Special Topics in Microbiology: Modern Parasitology; (4) REG/P-F.
0101 **(51695)** Sina, B.
TuTh 9:30am-10:45am (PLS 1162)
Th 1:00pm-4:00pm (PLS 1161) Lab

MICB388H Special Topics in Microbiology: Honors Seminar; (1) REG/P-F/AUD. Corequisite: MICB 379. For departmental honors students only.
0101 **(37969)** Yuan, R.
F 1:00pm-1:50pm (MCB 2119)

MICB388M Special Topics in Microbiology: Molecular Genetics of Pathogens; (3) REG/P-F/AUD. Prerequisites: BIOL 222 and MICB 200. Demonstrates how DNA sequences are translated into proteins. Focuses on DNA-protein interactions. Compares and contrasts gene expression in procaryotic and eucaryotic systems. Lectures will focus on experimental data that supports current models of gene expression.
0101 **(37979)** Stein, D.
MW 3:00pm-4:15pm (MCB 1207)

MICB388P *(PermReq)* **Special Topics in Microbiology: Pre-Med Internship; (3)** REG/P-F/AUD. Prequisite: 4 laboratory science courses, minimum GPA of 3.3, interest in medicine. Instructors : R. Weiner, B. Epstein, G. Jaffe and L. Cohen. Course serves as an elective and credits do not count toward the Biological Sciences Program.
0101 **(37989)** Weiner, R.
Th 12:00pm-4:00pm (MCB 1121)

MICB388R *(PermReq)* **Special Topics in Microbiology: Research Projects; (3-4)** REG. Permission of instructor required.
0101 **(37999)** Farber, D.
Time and room to be arranged

MICB399 *(PermReq)* **Microbiological Problems; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. May be repeated, but only 3 credits can be applied to major requirements.

MICB440 Pathogenic Microbiology; (4) REG/P-F/AUD.
Prerequisite: MICB 200.
0101 **(38021)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 9:00am-10:50am (MCB 1143) Lab
0102 **(38022)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 9:00am-10:50am (MCB 1135) Lab
0103 **(38023)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 11:00am-12:50pm (MCB 1143) Lab
0104 **(38024)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 11:00am-12:50pm (MCB 1135) Lab
0105 **(38025)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 1:00pm-2:50pm (MCB 1143) Lab
0106 **(38026)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 1:00pm-2:50pm (MCB 1135) Lab
0107 **(38027)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 3:00pm-4:50pm (MCB 1143) Lab
0108 **(38028)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 3:00pm-4:50pm (MCB 1135) Lab

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8101 **(*****)** STAFF
TuTh 7:00pm-7:50pm (MCB 1207)
TuTh 8:00pm-10:00pm (MCB 1135) Lab

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MICB453 Recombinant DNA Laboratory; (3) REG/P-F/AUD.
Prerequisite: BIOL 222.
0101 **(38040)** Gdovin, S.
TuTh 12:30pm-4:30pm (MCB 1207) Lab
TuTh 12:30pm-4:30pm (MCB 1143) Lab
0102 **(38041)** Gdovin, S.
TuTh 12:30pm-4:30pm (MCB 1207) Lab
TuTh 12:30pm-4:30pm (MCB 1135) Lab

MICB674 Bacterial Metabolism; (2) REG/AUD. *Prerequisite: MICB 470 or equivalent; and BCHM 462.*
0101 **(38051)** Stewart, R.
MW 4:00pm-4:50pm (MCB 2119)

MICB688 *(PermReq)* **Special Topics; (1-4)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MICB688C Special Topics: Marine Biotechnology; (1) REG/AUD.
0101 **(38069)** Weiner, R.
F 9:00am-10:00am (MCB 2119)

MICB688J *(PermReq)* **Special Topics: Current Topics in Bacterial Pathogenesis; (1)** REG/AUD.
0101 **(38079)** Joseph, S.
Time and room to be arranged

MICB701 Teaching Microbiology; (1) S-F. *For LFSC graduate students only.*
0101 **(38089)** Gdovin, S.
F 10:00am-11:00am (MCB 2119)

MICB760 Virology and Tissue Culture; (2) REG/AUD. *Prerequisite: MICB 440 or equivalent.*
0101 **(38099)** Destefano, J.
Tu 4:00pm-6:00pm (Arranged)

MICB788 Seminar; (1) REG/AUD.
0101 **(38109)** Pontzer, C.
F 12:00pm-12:50pm (MCB 1207)
F 3:00pm-5:00pm (MCB 1207) Dis

MICB799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

MICB899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MOCB Molecular and Cell Biology
(Life Sciences)

MOCB608 *(PermReq)* **Molecular and Cell Biology Seminar: Endocytic Pathway; (1)** REG.
0101 **(38191)** Song, W.
M 12:00pm-12:50pm (MCB 2119)

MOCB630 *(PermReq)* **Eukaryote Molecular Genetics; (3)** REG/AUD. *Prerequisite: ZOOL 446 or permission of department. Also offered as ENTM 630.*
0101 **(38201)** Mount, S.
MWF 9:00am-9:50am (PLS 1117)

MOCB699 *(PermReq)* **Laboratory Rotation; (2-3)** S-F. Individual Instruction course: contact department or instructor to obtain section number.

MOCB708A Advanced Topics in Molecular and Cell Biology: Basic Concepts in Microbial Genetics; (2) REG/AUD. Course meets at Shady Grove Center. To register for this course, contact:
Dr. Lucinda Jack
1122 Symons Hall
phone: 301-405-0316
email: evening@life.umd.edu
GS01 **(38330)** Trun, N.
Meets 09/06/97-09/27/97
Time and room to be arranged

MOCB708B Advanced Topics in Molecular and Cell Biology: Basic Concepts in Molecular Biology; (2) REG/AUD. Course meets at Shady Grove Center. To register for this course, contact:
Dr. Lucinda Jack
1122 Symons Hall
phone: 301-405-0316
email: evening@life.umd.edu
GS01 **(38329)** Ogg, S.
Meets 10/07/97-10/23/97
Time and room to be arranged

MOCB708C Advanced Topics in Molecular and Cell Biology: Advanced Concepts in Molecular Biology; (2) REG/AUD. Course meets at Shady Grove Center. To register for this course, contact:
Dr. Lucinda Jack
1122 Symons Hall
phone: 301-405-0316
email: evening@life.umd.edu
GS01 **(38332)** Ogg, S.
Meets 11/04/97-11/23/97
Time and room to be arranged

MOCB899 Doctoral Dissertation Research; (1-8) S-F. Individual Instruction course: contact department or instructor to obtain section number.

MUED Music Education
(Arts and Humanities)

MUED411 Instrumental Music: Methods and Materials For the Elementary School; (3) REG/AUD.
0101 **(38368)** Taylor, S.
TuTh 9:00am-10:50am (TWS 1123)
Tu 8:00am-8:50am (TWS 1102) Lab

MUED470 *(PermReq)* **General Concepts For Teaching Music; (1)** REG/AUD. *Corequisite: MUED 411 or MUED 471.*
0101 **(38378)** Fanos, S.
TuTh 11:00am-11:50am (TWS 3238)

MUED471 Methods For Teaching Elementary General Music; (3) REG/AUD.
0101 **(38388)** McCarthy, M.
TuTh 9:00am-10:50am (TWS 3132)

MUED499A *(PermReq)* **Workshops, Clinics, Institutes: Learning Theory in Teaching Music; (3)** REG/P-F/AUD.
0101 **(38398)** McCarthy, M.
Tu 6:30pm-9:00pm (TWS 3132)

MUED499B *(PermReq)* **Workshops, Clinics, Institutes: Band Literature; (3)** REG/P-F/AUD.
0101 **(38408)** Taylor, S.
W 6:30pm-9:00pm (TWS 3132)

MUED692 Foundations of Music Education; (3) REG/AUD.
0101 **(38418)** Folstrom, R.
M 7:00pm-9:30pm (TWS 3238)

MUED698A *(PermReq)* **Current Trends in Music Education: Learning Theory in Teaching Music; (3)** REG/AUD.
0101 **(38428)** McCarthy, M.
Tu 6:30pm-9:00pm (TWS 3132)

MUED698B *(PermReq)* **Current Trends in Music Education: Band Literature; (3)** REG/AUD.
0101 **(38438)** Taylor, S.
W 6:30pm-9:00pm (TWS 3132)

MUET Ethnomusicology
(Arts and Humanities)

MUET200 World Popular Musics and Gender; (3) REG/P-F/AUD. CORE: HA DIVERSITY
0101 **(38488)** Sandstrom, B.
TuTh 12:00pm-12:50pm (SKN 0200)
M 9:00am-9:50am (TWS 0147) Dis
0102 **(38489)** Sandstrom, B.
TuTh 12:00pm-12:50pm (SKN 0200)
M 12:00pm-12:50pm (TWS 0147) Dis
0103 **(38490)** Sandstrom, B.
TuTh 12:00pm-12:50pm (SKN 0200)
Tu 1:00pm-1:50pm (TWS 0147) Dis
0104 **(38491)** Sandstrom, B.
TuTh 12:00pm-12:50pm (SKN 0200)
W 9:00am-9:50am (TWS 0147) Dis
0105 **(38492)** Sandstrom, B.
TuTh 12:00pm-12:50pm (SKN 0200)
W 12:00pm-12:50pm (TWS 0138) Dis
0106 **(38493)** Sandstrom, B.
TuTh 12:00pm-12:50pm (SKN 0200)
Th 1:00pm-1:50pm (TWS 0147) Dis
0107 **(38494)** Sandstrom, B.
TuTh 12:00pm-12:50pm (SKN 0200)
F 11:00am-11:50am (TWS 0138) Dis

(MUET200 cont'd)

0108 (38495) Sandstrom, B.
TuTh 12:00pm-12:50pm (SKN 0200)
F 2:00pm-2:50pm (TWS 0138) Dis
0109 (38496) Sandstrom, B.
TuTh 12:00pm-12:50pm (SKN 0200)
F 3:00pm-3:50pm (TWS 0138) Dis

MUSC School of Music (Arts and Humanities)

MUSC100 Beginning Class Voice; (2) REG.
0301 (38546) Ocampo, R.
MW 11:00am-11:50am (TWS 2135)
0401 (38547) Bello, R.
MW 12:00pm-12:50pm (TWS 2135)
0701 (38548) Bello, R.
MW 10:00am-10:50am (TWS 2123)

MUSC102 *(PermReq)* **Beginning Class Piano I; (2)** REG. Recommended for MUED and MUSC majors with little or no piano experience.
0101 (38558) Elliston, R.
MWF 12:00pm-12:50pm (TWS 3218)

MUSC106 Beginning Classical Guitar Class; (2) REG/P-F/AUD. For students with no previous musical experience.
0101 (38581) Cavallaro, G.
MW 11:00am-11:50am (TWS 1102)

MUSC110 *(PermReq)* **Class Study of String Instruments; (2)** REG/P-F. *Open only to majors in music education (vocal option).*
0101 (38591) Elsing, E.
Time and room to be arranged

MUSC114 *(PermReq)* **Class Study: Cello and Bass; (2)** REG/P-F/AUD. *Open only to majors in music education (instrumental option).*
0101 (38601) Elsing, E.
MWF 9:00am-9:50am (TWS 1102)
Tu 8:00am-8:50am (TWS 1102) Lab

MUSC116 *(PermReq)* **Class Study: Clarinet; (2)** REG/AUD. *Open only to majors in music education (instrumental option).*
0101 (38611) Walters, E.
MWF 8:00am-8:50am (TWS 1123)
Tu 8:00am-8:50am (TWS 1102) Lab

MUSC120 *(PermReq)* **Class Study: Cornet; (2)** REG/AUD. *Open only to majors in music education (instrumental option).*
0101 (38621) Head, E.
MWF 10:00am-10:50am (TWS 1102)
Tu 8:00am-8:50am (TWS 1102) Lab

MUSC126 Vocal Diction: English and Latin; (1) REG/P-F/AUD.
0101 (38631) STAFF
Th 1:30pm-3:20pm (TWS 2138)

MUSC127 Vocal Diction: Italian and Spanish; (1) REG/P-F/AUD.
0101 (38641) STAFF
Time and room to be arranged

MUSC128 *(PermReq)* **Sight Reading For Pianists; (2)** REG. For Bachelor of Music piano majors only.
0101 (38651) STAFF
MW 10:00am-10:50am (Arranged)

MUSC129A *(PermReq)* **Ensemble: Chamber Music - Strings; (1)** REG.
0101 (38661) Elsing, E.
Time and room to be arranged

MUSC129B Ensemble: Chamber Music - Woodwinds; (1) REG.
0101 (38671) Montgomery, W.
TBA (TWS 3125)
0301 (38672) Underwood, D.
TBA (TWS 1127)
0401 (38673) Walters, E.
TBA (TWS 3145)

MUSC129C Ensemble: Chamber Music - Brasses; (1) REG.
0201 (38683) Head, E.
TBA (TWS 3121)
0501 (38684) Girdler, J.
TBA (TWS 3121)

MUSC129F Ensemble: Chamber Music - Percussion Ensemble; (1) REG.
0101 (38694) Barnett, R.
TuTh 11:00am-12:15pm (TWS 1102)

MUSC129G Ensemble: Chamber Music - Percussion Keyboard Ensemble; (1) REG.
0101 (38704) Barnett, R.
TBA (TWS 1205)

MUSC129I *(PermReq)* **Ensemble: Chamber Music - 20th Century Ensemble; (1)** REG/P-F/AUD.
0101 (38714) Wilson, M.
Time and room to be arranged

MUSC129J *(PermReq)* **Ensemble: Chamber Music - Jazz Ensemble; (1)** REG. Open by audition.
0101 (38724) Vadala, C.
MW 5:30pm-7:00pm (TWS 1102)
0201 (38725) Vadala, C.
MW 1:00pm-2:20pm (TWS 1102)

MUSC129K Ensemble: Chamber Music - Non-Western Ensemble; (1) REG.
0101 (38735) Robertson, C.
Th 7:00pm-8:30pm (TWS 3238)

MUSC129L Ensemble: Chamber Music Mixed Media; (1) REG.
0101 (38745) Montgomery, W.
TBA (TWS 3125)

MUSC129M Ensemble: Chamber Music - Flute Choir; (1) REG.
0101 (38755) Montgomery, W.
Time and room to be arranged

MUSC130 Survey of Music Literature; (3) REG/AUD. CORE: HA *Open to all students except music and music education majors.*
0101 (38765) Davis, S.
MW 9:00am-9:50am (TWS 2102)
F 9:00am-9:50am (TWS 2102) Lab
0102 (38766) Davis, S.
MW 9:00am-9:50am (TWS 2102)
F 10:00am-10:50am (TWS 2123) Lab
0103 (38767) Davis, S.
MW 9:00am-9:50am (TWS 2102)
F 11:00am-11:50am (TWS 2123) Lab
0201 (38768) Davis, S.
MW 10:00am-10:50am (TWS 2102)
F 10:00am-10:50am (TWS 2154) Lab
0202 (38769) Davis, S.
MW 10:00am-10:50am (TWS 2102)
F 9:00am-9:50am (TWS 2123) Lab
0301 (38770) STAFF
MW 11:00am-11:50am (TWS 2102)
F 11:00am-11:50am (TWS 2102) Lab
0302 (38771) STAFF
MW 11:00am-11:50am (TWS 2102)
F 9:00am-9:50am (TWS 3238) Lab
0303 (38772) STAFF
MW 11:00am-11:50am (TWS 2102)
F 12:00pm-12:50pm (TWS 2123) Lab

MUSC130H Survey of Music Literature; (3) REG/AUD. CORE: HA *Open to all students except music and music education majors.* For general honors students only.
0203 (38782) Davis, S.
MW 10:00am-10:50am (TWS 2102)
F 11:00am-11:50am (TWS 3116) Dis

MUSC140 Music Fundamentals I; (3) REG/AUD. CORE: HA *Limited to non-music majors.*
0101 (38793) STAFF
MWF 1:00pm-1:50pm (TWS 2102)
0201 (38794) STAFF
MWF 12:00pm-12:50pm (TWS 2102)
0301 (38795) STAFF
TuTh 11:00am-12:15pm (TWS 2102)
0401 (38796) STAFF
TuTh 12:30pm-1:45pm (TWS 2123)

MUSC150 *(PermReq)* **Theory of Music I; (3)** REG. *Prerequisite: departmental audition and entrance examination. For MUSC majors only.*
0101 (38806) Delio, T.
MWF 9:00am-9:50am (TWS 3116)
TuTh 9:00am-9:50am (TWS 2123) Lab
0102 (38807) Delio, T.
MWF 9:00am-9:50am (TWS 3116)
TuTh 9:00am-9:50am (TWS 2135) Lab
0201 (38808) Payerle, L.
TuThF 9:00am-9:50am (TWS 2138)
MW 9:00am-9:50am (TWS 2138) Lab
0202 (38809) Payerle, L.
TuThF 9:00am-9:50am (TWS 2138)
MW 9:00am-9:50am (TWS 2135) Lab

MUSC155 Fundamentals for the Classroom Teacher; (3) REG/P-F/AUD. *Open to students majoring in pre-early childhood education, pre-elementary education, elementary education, or childhood education; other students take MUSC 150. Credit will be granted for only one of the following: MUSC 150 or MUSC 155.*
0101 (38819) STAFF
MWF 11:00am-11:50am (TWS 3238)
0201 (38820) STAFF
MWF 10:00am-10:50am (TWS 3238)
0301 (38821) Fanos, S.
TuTh 9:30am-10:45am (TWS 3238)
0401 (38822) STAFF
TuTh 2:00pm-3:15pm (TWS 3238)

MUSC202 *(PermReq)* **Intermediate Class Piano I; (2)** REG. *Prerequisite: MUSC 103 or equivalent piano training.* Only for voice and instrumental principals with limited piano experience.
0101 (38833) Elliston, R.
MWF 9:00am-9:50am (TWS 3218)

MUSC210 The Impact of Music on Life; (3) REG. CORE: HA DIVERSITY
0101 (38843) STAFF
MW 1:00pm-1:50pm (PHY 1412)
F 1:00pm-1:50pm (TWS 2135) Dis
0102 (38844) STAFF
MW 1:00pm-1:50pm (PHY 1412)
F 12:00pm-12:50pm (TWS 2138) Dis
0103 (38845) STAFF
MW 1:00pm-1:50pm (PHY 1412)
F 2:00pm-2:50pm (TWS 2123) Dis
0104 (38846) STAFF
MW 1:00pm-1:50pm (PHY 1412)
F 1:00pm-1:50pm (TWS 3116) Dis
0105 (38847) STAFF
MW 1:00pm-1:50pm (PHY 1412)
F 12:00pm-12:50pm (TWS 3116) Dis
0106 (38848) STAFF
MW 1:00pm-1:50pm (PHY 1412)
F 2:00pm-2:50pm (TWS 2135) Dis
0107 (38849) STAFF
MW 1:00pm-1:50pm (PHY 1412)
F 12:00pm-12:50pm (TWS 0147) Dis
0108 (38850) STAFF
MW 1:00pm-1:50pm (PHY 1412)
F 2:00pm-2:50pm (TWS 0147) Dis
0109 (38851) STAFF
MW 1:00pm-1:50pm (PHY 1412)
F 3:00pm-3:50pm (TWS 0147) Dis

MUSC210+ The Impact of Music on Life; (3) REG/P-F/AUD. CORE: HA DIVERSITY Restricted to College Park Scholars - Artists.
0105 (38861) STAFF
MW 1:00pm-1:50pm (PHY 1412)
F 12:00pm-12:50pm (TWS 3116) Dis

MUSC229A Ensemble: Orchestra; (1) REG. Open by audition.
0101 (38871) Hudson, W.
MWF 3:00pm-5:00pm (TWS 1102)

MUSC229D Ensemble: Symphonic Wind Ensemble; (1) REG. Open by audition.
0101 (38881) Wakefield, J.
TuTh 3:30pm-5:45pm (TWS 1102)

MUSC229E Ensemble: Concert Band; (1) REG. Open by audition.
0101 (38891) Sparks, L.
TuTh 2:00pm-3:15pm (TWS 1102)

MUSC229F Ensemble: Marching Band; (1) REG. Open by audition.
0101 (38901) Sparks, L.
MWF 3:00pm-5:00pm (Arranged)

MUSC229G Ensemble: Marching Band Repertoire; (1) REG. Corequisite: MUSC 229F.
0101 (38911) Sparks, L.
Tu 6:30pm-8:30pm (TWS 1102)

MUSC229I Ensemble: Marching Band Auxiliary; (1) REG. Corequisite: MUSC 229F.
0101 (38921) Sparks, L.
TuTh 6:00pm-8:00pm (Arranged)

MUSC230 History of Music I; (3) REG/P-F/AUD. *Prerequisite: MUSC 250 or equivalent.*
0101 (38922) King, R.
MWF 2:00pm-2:50pm (TWS 2138)

MUSC248A Selected Topics in Music: Musics of the World; (3) REG/P-F/AUD. Open to majors and non-majors.
0101 (38932) STAFF
MW 12:00pm-12:50pm (SKN 0200)
F 8:00am-8:50am (TWS 0138) Dis
0102 (38933) STAFF
MW 12:00pm-12:50pm (SKN 0200)
F 10:00am-10:50am (TWS 0138) Dis
0103 (38934) STAFF
MW 12:00pm-12:50pm (SKN 0200)
F 11:00am-11:50am (TWS 0147) Dis
0104 (38935) STAFF
MW 12:00pm-12:50pm (SKN 0200)
F 12:00pm-12:50pm (TWS 0138) Dis
0105 (38936) STAFF
MW 12:00pm-12:50pm (SKN 0200)
F 12:00pm-12:50pm (TWS 0135) Dis
0106 (38937) STAFF
MW 12:00pm-12:50pm (SKN 0200)
F 1:00pm-1:50pm (TWS 0147) Dis

MUSC250 *(PermReq)* **Advanced Theory of Music I; (4)** REG. *Prerequisite: MUSC 151 with a minimum grade of C.*
0101 (38941) Layton, R.
MWF 10:00am-10:50am (TWS 3116)
TuTh 10:00am-10:50am (TWS 3116) Lab
0102 (38942) Layton, R.
MWF 10:00am-10:50am (TWS 3116)
TuTh 10:00am-10:50am (TWS 2135) Lab
0201 (38943) Wilson, M.
TuThF 10:00am-10:50am (TWS 2138)
MW 10:00am-10:50am (TWS 2138) Lab
0202 (38944) Wilson, M.
TuThF 10:00am-10:50am (TWS 2138)
MW 10:00am-10:50am (TWS 2135) Lab

MUSC328 Chamber Music Performance for Pianists; (2) REG/P-F/AUD.
0101 (38954) STAFF
TuTh 11:00am-11:50am (Arranged)

MUSC329A Ensemble: University of Maryland Chorale; (1) REG. Open by audition.
0101 (38964) Folstrom, R.
TuTh 3:30pm-5:30pm (TWS 2102)

MUSC329D Ensemble: University Chorus; (1) REG. Open by audition. Please report to TWS 2140.
0101 (38974) Traver, P.
Tu 7:00pm-10:00pm (TWS 2102)
TBA (TWS 2102) Lab

MUSC329E Ensemble: Gospel Choir; (1) REG.
0101 (38984) Carswell, A.
Th 7:00pm-10:00pm (TWS 2102)

MUSC330 History of Music II; (3) REG. *Prerequisite: MUSC 250 or equivalent.*
0101 (38994) Patterson, D.
MWF 2:00pm-2:50pm (TWS 3116)

MUSC345 Jazz Theory and Improvisation I; (3) REG/AUD. *Prerequisite: MUSC 251 or permission of department.*
0101 (39004) Vadala, C.
M 7:00pm-9:30pm (TWS 1102)

MUSC379 *(PermReq)* **Opera Workshop; (2)** REG/P-F/AUD.
0101 (39014) STAFF
W 3:00pm-5:00pm (TWS 3238)

MUSC386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*
0101 (39024) STAFF
Time and room to be arranged
4901 (39025) Walters, E.
Time and room to be arranged

MUSC388 *(PermReq)* **Music Internship; (3)** REG.
0101 (39035) STAFF
TBA (TWS 2114)

MUSC389 *(PermReq)* **Music Internship Analysis; (1)** REG.
0101 (39045) STAFF
TBA (TWS 2114)

MUSC400W *(PermReq)* **Music Pedagogy; (3)** REG/P-F/AUD. *Pre- or corequisite: MUSC 418 or a more advanced course in applied music.* For wind and percussion majors.
0101 (39066) Wakefield, J.
Time and room to be arranged

MUSC428 *(PermReq)* **Repertoire Coaching of Vocal or Chamber Music; (2)** REG.
0301 (39076) McCoy, R.
TBA (TWS 2233)

MUSC429 *(PermReq)* **Opera Theater; (2-3)** REG/AUD.
0101 (39086) STAFF
W 3:00pm-5:00pm (TWS 3238)

MUSC438 Area Studies in Ethnomusicology: African Diaspora; (3) REG/P-F/AUD.
0101 (39087) STAFF
W 3:30pm-6:00pm (TWS 2123)

MUSC439 *(PermReq)* **Collegium Musicum; (1)** REG/AUD.
0101 (39088) Wexler, R.
Time and room to be arranged

MUSC443 *(PermReq)* **Solo Vocal Literature; (3)** REG/P-F/AUD. *Prerequisite: MUSC 330, MUSC 331 or equivalent.*
0101 (39096) STAFF
Tu 4:00pm-6:30pm (TWS 2138)

MUSC448 *(PermReq)* **Selected Topics in Music; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MUSC448A *(PermReq)* **Selected Topics in Music: Marching Band Techniques; (2)** REG. Concurrent enrollment in MUSC 229F required.
0101 (39152) Sparks, L.
TBA (TWS 2211)

MUSC448B *(PermReq)* **Selected Topics in Music: American Music; (3)** REG/AUD.
0101 (39162) Patterson, D.
W 6:30pm-9:00pm (TWS 2138)

MUSC448J *(PermReq)* **Selected Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; (2)** REG/AUD. Audition required.
0101 (39172) Wells, V.
W 7:00pm-10:00pm (TWS 3218)
0201 (39173) Wells, V.
Time and room to be arranged Lab

MUSC448K Selected Topics in Music: Music Notation on Computers; (2) REG/P-F/AUD.
0101 (39183) STAFF
Th 4:00pm-6:00pm (TWS 2211)

MUSC448O Selected Topics in Music: Arts Administration: Starting an Opera Company; (3) REG/AUD.
0101 (39193) Feinstein, M.
M 2:00pm-4:30pm (TLF 2101)

MUSC448S Selected Topics in Music: String Literature; (3) REG/P-F/AUD.
0101 (39203) Slowik, K.
M 9:00am-11:00am (TWS 1123)

MUSC452 *(PermReq)* **Keyboard Harmony; (2)** REG. *Prerequisite: MUSC 251.* Limited to piano majors only.
0101 (39213) Elliston, R.
MWF 10:00am-11:00am (TWS 3218)

MUSC470 Harmonic and Contrapuntal Practices of the Twentieth Century; (2) REG/P-F/AUD. *Prerequisite: MUSC 251 or equivalent.*
0101 (39223) Wilson, M.
TuTh 11:00am-11:50am (TWS 2138)

MUSC480 Music in Antiquity and the Middle Ages; (3) REG.
0101 (39233) Wexler, R.
MW 11:00am-12:15pm (TWS 3116)

MUSC486 Orchestration I; (2) REG/P-F/AUD. *Prerequisite: MUSC 251.*
0101 (39243) Gibson, R.
MW 1:00pm-1:50pm (TWS 3116)

MUSC490 *(PermReq)* **Conducting; (2)** REG. *Prerequisite: MUSC 251.*
0101 (39253) Cooper, J.
MWF 1:00pm-1:50pm (TWS 2138)

MUSC499 *(PermReq)* **Independent Studies; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MUSC601 Advanced English Lyric Diction; (1) REG/AUD. *Prerequisite: admission to graduate voice program or permission of instructor. For music majors only.*
0101 (39309) Hunt, L.
Tu 10:00am-11:30am (Arranged)

MUSC603 Advanced German Lyric Diction; (1) REG/AUD. *Prerequisite: admission to graduate voice program or permission of instructor. For music majors only.*
0101 (39319) STAFF
M 3:00pm-5:00pm (TWS 2138)

MUSC605 *(PermReq)* **Opera Repertory I; (1)** REG/AUD. *Prerequisite: MUSC 602 or permission of instructor. For MUSC majors only.* Formerly MUSC 699I.
0101 (39329) Cossa, D.
Th 2:00pm-3:30pm (TWS 2135)

MUSC608 *(PermReq)* **Chamber Music Repertory; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MUSC611 Opera Techniques I; (3) REG/AUD. *Prerequisite: admission as voice/opera major. Corequisite: MUSC 601. For MUSC majors only.* Formerly MUSC 699A.
0101 (39363) Major, L.
TBA (TWS 3228)
TBA (TWS 3228) Lab

MUSC613 *(PermReq)* **Opera Techniques III; (3)** REG/AUD. *Prerequisites: MUSC 612 with a grade of B or better and permission of Director of Opera. Corequisites: MUSC 603 and MUSC 605. For MUSC majors only.* Formerly MUSC 699C.
0101 (39373) Major, L.
TBA (TWS 3238)
TBA (TWS 3238) Lab

MUSC635 *(PermReq)* **American Music; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 (39383) Patterson, D.
W 6:30pm-9:00pm (TWS 2138)

MUSC639 *(PermReq)* **Seminar in Music: Ockeghem; (3)** REG/AUD.
0101 (39393) Wexler, R.
Tu 7:00pm-9:30pm (Arranged)

MUSC643 *(PermReq)* **Seminar in Solo Vocal Literature I; (3)** REG/AUD. *Prerequisite: MUSC 444 or equivalent.*
0101 (39403) STAFF
Tu 4:00pm-6:30pm (TWS 2138)

MUSC648 *(PermReq)* **Seminar in Music Research; (3)** REG/AUD.
0101 (39413) Cohen, H.
Th 9:30am-12:00pm (Arranged)
0201 (39414) King, R.
M 7:00pm-9:30pm (TWS 3116)

MUSC650 The Contemporary Idiom; (3) REG/AUD. *Prerequisite: MUSC 470 or permission of department.*
0101 (39424) Moss, L.
W 5:30pm-8:00pm (TWS 3116)

MUSC658 Seminar in Advanced Analysis; (3) REG.
0101 **(39434)** Delio, T.
M 11:00am-1:30pm (TWS 2123)

MUSC675 Music Theory Pedagogy; (3) REG/AUD.
0101 **(39444)** Payerle, L.
TuTh 2:00pm-3:15pm (TWS 2123)

MUSC679A Seminar in Ethnomusicology: Anthropology of Music; (3) REG/AUD.
0101 **(39455)** STAFF
M 3:30pm-6:00pm (Arranged)

MUSC679B *(PermReq)* **Seminar in Ethnomusicology: Current Theory and Method; (3)** REG/AUD.
0101 **(39456)** STAFF
Tu 3:30pm-6:00pm (TWS 2135)

MUSC689 *(PermReq)* **Advanced Conducting; (3)** REG/AUD.
0101 **(39474)** Traver, P.
W 1:00pm-3:30pm (TWS 2135)
0103 **(39477)** Traver, P.
W 4:00pm-6:30pm (TWS 2138)
0201 **(39475)** Hudson, W.
TBA (TWS 3267)
0301 **(39476)** Wakefield, J.
TBA (TWS 1108)

MUSC699 *(PermReq)* **Selected Topics in Music; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MUSC699A *(PermReq)* **Selected Topics in Music: Italian Opera 1800-1850; (3)** REG/AUD.
0101 **(39522)** Jensen, L.
W 10:00am-12:30pm (Arranged)

MUSC699J *(PermReq)* **Selected Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; (2)** REG/AUD. Audition required.
0101 **(39520)** Wells, V.
W 7:00pm-10:00pm (TWS 3218)
0201 **(39521)** Wells, V.
Time and room to be arranged Lab

MUSC699K Selected Topics in Music: Research and Bibliography in Ethnomusicology; (3) REG/AUD.
0101 **(39531)** STAFF
Th 3:30pm-6:00pm (Arranged)

MUSC699L Selected Topics in Music: Ethnomusicology Field and Laboratory III; (3) REG/AUD.
0101 **(39541)** Robertson, C.
W 3:30pm-6:00pm (TWS 3131)

MUSC699M Selected Topics in Music: Ethnomusicology: Improvisation; (3) REG/AUD. Open to music majors and non-music majors by permission of department. Course will be team taught by professors from the music department.
0101 **(39551)** STAFF
W 6:00pm-8:30pm (TWS 3131)

MUSC699O Selected Topics in Music: Arts Administration: Starting an Opera Company; (3) REG/AUD.
0101 **(39561)** Feinstein, M.
M 2:00pm-4:30pm (TLF 2101)

MUSC799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

MUSC800C *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* For conducting majors.
0101 **(39607)** Traver, P.
TBA (TWS 2140A)
0201 **(39608)** Hudson, W.
Time and room to be arranged
0301 **(39609)** Wakefield, J.
Time and room to be arranged

MUSC800P *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.*
0101 **(39619)** Page, C.
Tu 11:00am-1:30pm (TWS 3116)

MUSC800V *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.*
0101 **(39620)** Randall, M.
M 3:00pm-5:30pm (Arranged)

MUSC800W *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* For wind and percussion majors.
0101 **(39629)** Wakefield, J.
Time and room to be arranged

MUSC801C *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* For conducting majors.
0101 **(39639)** Traver, P.
TBA (TWS 2140A)

MUSC801W *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* Advanced special students require department authorization. For wind and percussion majors.
0101 **(39649)** Wakefield, J.
Time and room to be arranged

MUSC830A *(PermReq)* **Doctoral Seminar in Music Literature; (3)** REG/AUD. *Prerequisite: at least twelve hours in music history and literature.* For accompanists only.
0101 **(39659)** McCoy, R.
TBA (TWS 2233)

MUSC830C *(PermReq)* **Doctoral Seminar in Music Literature; (3)** REG. *Prerequisite: at least twelve hours in music history and literature.* For conducting majors.
0101 **(39669)** Traver, P.
TBA (TWS 2140A)

MUSC830S Doctoral Seminar in Music Literature; (3) REG/AUD. *Prerequisite: at least twelve hours in music history and literature.*
0101 **(51821)** Slowik, K.
M 9:00am-11:00am (TWS 1123)

MUSC830W *(PermReq)* **Doctoral Seminar in Music Literature; (3)** REG/AUD. *Prerequisite: at least twelve hours in music history and literature.* For wind and percussion majors.
0101 **(39699)** Wakefield, J.
Time and room to be arranged

MUSC831C *(PermReq)* **Doctoral Seminar in Music Literature; (3)** REG. *Prerequisite: MUSC 830 or permission of instructor.* For conducting majors.
0101 **(39709)** Traver, P.
TBA (TWS 2140A)

MUSC831W *(PermReq)* **Doctoral Seminar in Music Literature; (3)** REG/AUD. *Prerequisite: MUSC 830 or permission of instructor.* For wind and percussion majors.
0101 **(39719)** Wakefield, J.
Time and room to be arranged

MUSC878 *(PermReq)* **Advanced Composition; (3)** REG/AUD.
0101 **(39729)** Moss, L.
TBA (TWS 1219B)
0201 **(39730)** Delio, T.
TBA (TWS 1241)
0301 **(39731)** Wilson, M.
TBA (TWS 1231C)
0401 **(39732)** Gibson, R.
TBA (TWS 1241A)

MUSC899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MUSP Music Performance (*Arts and Humanities*)

Individual performance instruction courses in piano, voice and instruments are open to qualified major and non-major students by prior audition and permission of the School of Music Director. Audition schedules, prerequisites, instructor section numbers, and registration permission forms may be obtained in the School of Music Office.

INSTRUMENT DESIGNATION
Indicate the instrument chosen by adding a suffix to the course number.
SUFFIX—INSTRUMENT
A——Piano
B——Voice
C——Violin
D——Viola
E——Cello
F——Bass
G——Flute
H——Oboe
I——Clarinet
K——Saxophone
L——Horn
M——Trumpet
N——Trombone
O——Tuba
P——Euphonium
Q——Percussion
S——World inst
T——Composition
U——Conducting graduate
V——Harp
W——Electronic comp.
X——Hist inst - keyboard
Y——Hist inst - strings
Z——Hist inst - winds

MINOR SERIES

Intended for either music majors studying a secondary instrument or non-music majors. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 102. Transfer students are evaluated for higher placement after one semester of study.

MUSP102, 103, 202, 203, 302, 303, 402, 403 *(PermReq)* **Music Performance; Minor Series. (2 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, U, V, X, Y, Z
Time and room to be arranged.

Minor series lessons for non-major pianists are given on a space-available basis and may not be registered for before the beginning of the semester. Contact the Chair of the Piano Division on the first day of classes, giving your name, telephone number, and number of years of piano study. Your name will be placed on a waiting list, and if there is an opening for you in a faculty member's schedule, then you will be called by that faculty member. At that point you will register for the course.

PRINCIPAL SERIES

Intended for students majoring in music programs other than performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 109. Transfer students are evaluated for higher placement after one semester of study.

MUSP109, 110, 207, 208, 305, 306, 409, 410 *(PermReq)* Music Performance; Principal Series. **(2 or 4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, X, Y, Z
Time and room to be arranged.

MUSP609 *(PermReq)* Interpretation and Repertoire. **(2 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, X
Time and room to be arranged.

MUSP610 *(PermReq)* Graduate Music Performance. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, X
Time and room to be arranged.

MAJOR SERIES

Intended for students majoring in music performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 119. Transfer students are evaluated for higher placement after one semester of study.

MUSP119, 120, 217, 218, 315, 316, 419, 420 *(PermReq)* Music Performance; Major Series. **(2 or 4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, W
Time and room to be arranged.

MUSP619 *(PermReq)* Interpretation and Repertoire. **(2 or 4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, V, W
Time and room to be arranged.

MUSP620 *(PermReq)* Graduate Music Performance. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, V, W
Time and room to be arranged.

MUSP719 *(PermReq)* Interpretation and Repertoire. **(2 or 4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

MUSP815 *(PermReq)* Interpretation, Performance, and Pedagogy. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

MUSP816 *(PermReq)* Interpretation, Performance, and Pedagogy. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

MUSP817 *(PermReq)* Interpretation, Performance, and Pedagogy. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

NACS Neuroscience and Cognitive Science (Life Sciences)

NACS618 *(PermReq)* **The Classics in Neuroscience and Cognitive Science; (2)** REG/AUD.
0101 **(51741)** STAFF
Th 12:30pm-2:00pm (PLS 1158)

NACS641 *(PermReq)* **Introduction to Neurosciences; (4)** REG/AUD.
0101 **(41505)** STAFF
MWF 1:00pm-3:00pm (PLS 1158)

NACS642 Cognitive and Computational Neuroscience; (4) REG/AUD.
0101 **(41597)** STAFF
Time and room to be arranged

NACS728 *(PermReq)* **Selected Topics in Neuroscience and Cognitive Science; (1-4)** REG/AUD.
0101 **(51744)** STAFF
Time and room to be arranged

NFSC Nutrition and Food Science (Agriculture and Natural Resources)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

NFSC100 Elements of Nutrition; (3) REG/P-F/AUD. CORE: LS *Formerly NUTR 100.* For majors only.
0101 **(41527)** Castonguay, T.
TuTh 10:00am-10:50am (ZOP 1240)
Th 8:30am-9:30am (MMH 3418) Dis
0102 **(41528)** Castonguay, T.
TuTh 10:00am-10:50am (ZOP 1240)
W 3:00pm-3:50pm (MMH 3418) Dis
0103 **(41529)** Castonguay, T.
TuTh 10:00am-10:50am (ZOP 1240)
W 11:00am-11:50am (MMH 3418) Dis
0104 **(41530)** Castonguay, T.
TuTh 10:00am-10:50am (ZOP 1240)
Th 1:00pm-1:50pm (MMH 0108) Dis
0105 **(41531)** Castonguay, T.
TuTh 10:00am-10:50am (ZOP 1240)
F 11:00am-11:50am (MMH 3418) Dis
0106 **(41532)** Castonguay, T.
TuTh 10:00am-10:50am (ZOP 1240)
F 10:00am-10:50am (ARM 0103) Dis
0107 **(41533)** Castonguay, T.
TuTh 10:00am-10:50am (ZOP 1240)
W 10:00am-10:50am (MMH 0108) Dis
0108 **(41534)** Castonguay, T.
TuTh 10:00am-10:50am (ZOP 1240)
W 2:00pm-2:50pm (ZOP 1232) Dis
0109 **(41535)** Castonguay, T.
TuTh 10:00am-10:50am (ZOP 1240)
Tu 2:00pm-2:50pm (MMH 3418) Dis
0110 **(41536)** Castonguay, T.
TuTh 10:00am-10:50am (ZOP 1240)
Th 3:00pm-3:50pm (ZOP 1124) Dis
0111 **(41537)** Castonguay, T.
TuTh 10:00am-10:50am (ZOP 1240)
Tu 1:00pm-1:50pm (MMH 0108) Dis
Section 0111 is recommended for NFSC majors only.
0112 **(41538)** Castonguay, T.
TuTh 10:00am-10:50am (ZOP 1240)
W 1:00pm-1:50pm (WDS 1130) Dis
0113 **(41539)** Castonguay, T.
TuTh 10:00am-10:50am (ZOP 1240)
W 12:00pm-12:50pm (ZOP 1232) Dis
0114 **(41540)** Castonguay, T.
TuTh 10:00am-10:50am (ZOP 1240)
Th 11:30am-12:20pm (LEF 1222) Dis
0115 **(41541)** Castonguay, T.
TuTh 10:00am-10:50am (ZOP 1240)
W 9:00am-9:50am (SKN 1115) Dis
0116 **(41542)** Castonguay, T.
TuTh 10:00am-10:50am (ZOP 1240)
F 12:00pm-12:50pm (ARM 0120) Dis
0117 **(41543)** Castonguay, T.
TuTh 10:00am-10:50am (ZOP 1240)
W 4:00pm-4:50pm (MMH 1304) Dis
0118 **(41544)** Castonguay, T.
TuTh 10:00am-10:50am (ZOP 1240)
Th 2:00pm-2:50pm (MMH 0108) Dis

NFSC100+ Elements of Nutrition; (3) REG/P-F/AUD. CORE: LS *Formerly NUTR 100.* Restricted to College Park Scholars - Advocates for Children.
0119 **(41554)** Castonguay, T.
TuTh 10:00am-10:50am (ZOP 1240)
Tu 3:00pm-3:50pm (ARM 0105) Dis

NFSC250 *(PermReq)* **Science of Food; (4)** REG/P-F/AUD. *Prerequisites: NFSC 112; and CHEM 103; and CHEM 113; permission of department. For NFSC majors only. Formerly FOOD 250.*
0101 **(41564)** Curtis, S.
MWF 12:00pm-12:50pm (MMH 1304)
Th 2:00pm-5:00pm (MMH 3401) Lab
0102 **(41565)** Curtis, S.
MWF 12:00pm-12:50pm (MMH 1304)
W 2:00pm-5:00pm (MMH 3401) Lab
0103 **(41566)** Curtis, S.
MWF 12:00pm-12:50pm (MMH 1304)
Tu 2:00pm-5:00pm (MMH 3401) Lab

NFSC350 *(PermReq)* **Foodservice Operations; (5)** REG/P-F/AUD. *Prerequisite: NFSC 250. Pre- or corequisite: MICB 200. Corequisite: BMGT 364. For Dietetics majors only. Formerly FSAD 350.*
0101 **(41576)** Curtis, S.
MF 9:30am-10:45am (MMH 3418)
Tu 8:00am-1:30pm (MMH 3108) Lab
0102 **(41577)** Curtis, S.
MF 9:30am-10:45am (MMH 3418)
Th 8:00am-1:30pm (MMH 3108) Lab

NFSC380 Methods of Nutritional Assessment; (3) REG/P-F/AUD. *Prerequisite: NFSC 315. Corequisite: BCHM 461. For NFSC majors only.*
0101 **(41588)** Moser-Veillon, P.
MW 1:00pm-1:50pm (MMH 1400)
M 3:00pm-6:00pm (MMH 3419) Lab
0102 **(41589)** Moser-Veillon, P.
MW 1:00pm-1:50pm (MMH 1400)
Tu 2:00pm-5:00pm (MMH 3419) Lab
0103 **(41590)** Moser-Veillon, P.
MW 1:00pm-1:50pm (MMH 1400)
W 3:00pm-6:00pm (MMH 3419) Lab
0104 **(41591)** Moser-Veillon, P.
MW 1:00pm-1:50pm (MMH 1400)
Th 1:00pm-4:00pm (MMH 3419) Lab

NFSC386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. Formerly FDSC 386 and NUTR 386. 56 semester hours.*
0901 **(41600)** Schlimme, D.
Time and room to be arranged

NFSC399 *(PermReq)* **Special Problems in Food Science; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

NFSC403 Medicinal and Poisonous Plants; (2) REG/P-F/AUD. *Prerequisites: BIOL 105 and CHEM 104.*
0101 **(41621)** Bean, G.
TuTh 9:00am-9:50am (HJP 1229)

NFSC421 *(PermReq)* **Food Chemistry; (3)** REG/P-F/AUD. *Prerequisite: BCHM 461. Formerly FDSC 421.*
0101 **(41631)** Vijay, I.
MWF 11:00am-11:50am (ARM 0105)

NFSC423 Food Chemistry Laboratory; (2) REG/P-F/AUD. *Pre- or corequisite: NFSC 421. Formerly FDSC 423.*
0101 **(41641)** Boyle-Roden, E.
Th 8:30am-12:00pm (MMH 3419) Lab

NFSC431 Food Quality Control; (4) REG/P-F/AUD. *Formerly FDSC 431.*
0101 **(41651)** Schlimme, D.
MWF 9:00am-9:50am (MMH 0108)
Th 2:00pm-4:00pm (MMH 3108) Lab

NFSC440 *(PermReq)* **Advanced Human Nutrition; (4)** REG. *Prerequisites: NFSC 100 or NFSC 200; and BCHM 462; and ZOOL 422. Formerly NUTR 440.*
0101 **(41661)** Ahrens, R.
MW 2:00pm-2:50pm (MMH 1400)
F 1:00pm-2:50pm (MMH 1400)

NFSC468 *(PermReq)* **Practicum in Nutrition; (1-6)** S-F.
0101 **(41671)** Curtis, S.
Time and room to be arranged

NFSC490 *(PermReq)* **Special Problems in Nutrition; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: NFSC 440 and permission of department. Formerly NUTR 490.*

NFSC498 *(PermReq)* **Selected Topics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

NFSC498A *(PermReq)* **Selected Topics: Individual Study; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

NFSC498D *(PermReq)* **Selected Topics: Professional Issues in Dietetics; (1)** REG/P-F/AUD.
0101 **(41837)** Curtis, S.
Th 4:00pm-4:50pm (KEY 0119)

NFSC660 Research Methods; (3) REG/AUD. *Prerequisite: a statistics course. Formerly NUTR 660.*
0101 **(41711)** Sims, L.
Tu 4:00pm-6:30pm (MMH 3112)

NFSC678A Selected Topics in Nutrition; (1-6) REG/AUD.
0101 **(41721)** STAFF
Time and room to be arranged

NFSC678R *(PermReq)* **Selected Topics in Nutrition: Advanced Human Nutrition; (4)** REG.
0101 **(41731)** Ahrens, R.
MW 2:00pm-2:50pm (MMH 1400)
F 1:00pm-2:50pm (MMH 1400)

NFSC688 *(PermReq)* **Seminar in Nutrition; (1)** REG/AUD.
0101 **(41741)** Blake, A.
Th 4:00pm-4:50pm (MMH 0108)

NFSC698 *(PermReq)* **Colloquium in Food Science; (1)** REG/AUD.
0101 **(41751)** Boyle-Roden, E.
W 12:00pm-12:50pm (ARM 0108)

NFSC699 *(PermReq)* **Problems in Nutrition and Food Science; (1-4)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

NFSC799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

NFSC888 *(PermReq)* **Doctoral Seminar; (1)** REG/AUD.
0101 **(41804)** Blake, A.
Th 4:00pm-4:50pm (MMH 0108)

NFSC899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

NRMT Natural Resources Management
(Agriculture and Natural Resources)

NRMT314 Biology and Management of Finfish; (4) REG.
Prerequisite: one year of biology or zoology. Formerly AGRI 314.
0101 **(41886)** Rugolo, L.
TuTh 5:00pm-6:15pm (ANS 0412)

NRMT389 *(PermReq)* **Internship; (3)** S-F.
0001 **(41896)** Kangas, P.
Time and room to be arranged

NRMT461 Urban Wildlife Management; (3) REG/P-F/AUD.
0101 **(41906)** Adams, L.
TuTh 8:00am-9:15am (ANS 0412)

NRMT470 *(PermReq)* **Natural Resources Management; (4)** REG. CORE: CS *Senior standing. For NRMT majors only.* Second semester juniors and seniors only.
0101 **(41916)** Kangas, P.
MW 3:00pm-4:55pm (ANS 0538)

NRMT489 *(PermReq)* **Field Experience; (1-4)** REG/P-F/AUD.
0001 **(41926)** Kangas, P.
Time and room to be arranged

NRMT489A Field Experience: Wetland Ecology; (3) REG.
0101 **(41936)** Baldwin, A.
Tu 11:00am-11:50am (ANS 0402)
Th 9:00am-12:50pm (ANS 0402)

NRMT489B Field Experience: Park Management; (1) REG.
0101 **(41946)** Mallow, J.
W 5:00pm-5:50pm (ANS 0422)

NRMT489E Field Experience: Ecological Risk and Impact Assessment; (3) REG/P-F/AUD.
0101 **(41966)** Baldwin, A.
TuTh 3:30pm-4:45pm (ANS 0422)
0901 **(41967)** Schreuders, P.
Time and room to be arranged

PBIO Plant Biology
(Life Sciences)

PBIO100 Plant Biology for Non-Science Students; (3) REG/P-F/AUD. *For non-science majors only. Not open to students who have completed BIOL 105. Formerly BOTN 104.* CORE Life Sciences Lab (LL) Course only when taken concurrently with PBIO 101.
1001 **(42016)** Delwiche, C.
MWF 10:00am-10:50am (HJP 0226)
2001 **(42017)** Straney, D.
TuTh 11:00am-12:15pm (HJP 0226)
3001 **(42018)** Browning, J.
TuTh 2:00pm-3:15pm (HJP 2242)

PBIO101 Laboratory in Plant Biology; (1) REG/P-F/AUD. *Pre- or corequisite: PBIO 100. For non-science majors only. Formerly BOTN 105.* CORE Life Science Lab (LL) Course only when taken concurrently with PBIO 100.
1102 **(42029)** STAFF
M 12:00pm-3:00pm (HJP 1105) Lab
1103 **(42030)** STAFF
M 12:00pm-3:00pm (HJP 1125) Lab
1104 **(42031)** STAFF
M 3:00pm-6:00pm (HJP 1105) Lab
1105 **(42032)** STAFF
M 3:00pm-6:00pm (HJP 1125) Lab
1107 **(42034)** STAFF
Tu 9:30am-12:30pm (HJP 1125) Lab
1108 **(42035)** STAFF
Tu 12:30pm-3:30pm (HJP 1125) Lab
1109 **(42036)** STAFF
Tu 12:30pm-3:30pm (HJP 1105) Lab
1110 **(42037)** STAFF
Tu 3:30pm-6:30pm (HJP 1105) Lab
1111 **(42038)** STAFF
Tu 3:30pm-6:30pm (HJP 1125) Lab
1112 **(42039)** STAFF
W 9:00am-12:00pm (HJP 1125) Lab
1113 **(42040)** STAFF
W 12:00pm-3:00pm (HJP 1105) Lab
1114 **(42041)** STAFF
W 12:00pm-3:00pm (HJP 1125) Lab
1115 **(42042)** STAFF
W 3:00pm-6:00pm (HJP 1105) Lab
1116 **(42043)** STAFF
W 3:00pm-6:00pm (HJP 1125) Lab
1117 **(42044)** STAFF
Th 9:30am-12:30pm (HJP 1125) Lab
1118 **(42045)** STAFF
Th 12:30pm-3:30pm (HJP 1125) Lab
1121 **(42048)** STAFF
Th 3:30pm-6:30pm (HJP 1125) Lab
1122 **(42049)** STAFF
F 9:00am-12:00pm (HJP 1125) Lab

PBIO200 Introductory Plant Biology; (4) REG/P-F/AUD. *Prerequisite: BIOL 105 or HORT 100 or permission of department. Formerly BOTN 207.* Course is taught in the fall semester only.
0101 **(42059)** Cooke, T.
MWF 11:00am-11:50am (HJP 1229)
W 1:00pm-4:00pm (HJP 2230) Lab
0102 **(42060)** Cooke, T.
MWF 11:00am-11:50am (HJP 1229)
Th 1:00pm-4:00pm (HJP 2230) Lab

PBIO235 Environmental Science; (3) REG/P-F/AUD. CORE: LS *Formerly BOTN 211.*
0101 **(42070)** Koines, P.
MWF 1:00pm-1:50pm (HJP 0226)

PBIO328 Selected Topics in Plant Biology; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO365 Introductory Plant Pathology; (4) REG/P-F/AUD. *Prerequisites: BIOL 105 and BIOL 106. Formerly BOTN 321.*
0101 **(42098)** Steiner, P.
TuTh 8:00am-9:15am (PLS 1130)
Th 9:30am-12:20pm (PLS 1153) Lab
0102 **(42099)** Steiner, P.
TuTh 8:00am-9:15am (PLS 1130)
Th 1:00pm-3:50pm (PLS 1153) Lab

PBIO379 *(PermReq)* **Honors Research Problems in Plant Biology; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

PBIO399 *(PermReq)* **Research Problems in Plant Biology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO400 Cell Biology; (4) REG/P-F. *Prerequisites: BIOL 222 and CHEM 233 and ZOOL 211. Also offered as ZOOL 411. Credit will be granted for only one of the following: PBIO 400 or ZOOL 411. Formerly BOTN 420.*
0101 **(42147)** Goode, M.
MWF 10:00am-10:50am (ZOP 1243)
M 1:00pm-5:00pm (PLS 1171) Lab
0102 **(42148)** Goode, M.
MWF 10:00am-10:50am (ZOP 1243)
Tu 1:00pm-5:00pm (PLS 1171) Lab
0103 **(42149)** Goode, M.
MWF 10:00am-10:50am (ZOP 1243)
W 1:00pm-5:00pm (PLS 1171) Lab
0104 **(42150)** Goode, M.
MWF 10:00am-10:50am (ZOP 1243)
Th 1:00pm-5:00pm (PLS 1171) Lab

PBIO420 Plant Physiology; (4) REG/P-F/AUD. *Prerequisites: BIOL 105 and CHEM 103. Formerly BOTN 441.* Course taught fall only.
0101 **(42160)** Sze, H.
TuTh 11:00am-12:15pm (HJP 2242)
M 9:00am-12:00pm (HJP 2230) Lab
0102 **(42161)** Sze, H.
TuTh 11:00am-12:15pm (HJP 2242)
M 1:00pm-4:00pm (HJP 2230) Lab
0104 **(42162)** Sze, H.
TuTh 11:00am-12:15pm (HJP 2242)
M 6:00pm-9:00pm (HJP 2230) Lab
0106 **(42164)** Sze, H.
TuTh 11:00am-12:15pm (HJP 2242)
Tu 1:00pm-4:00pm (HJP 2230) Lab

PBIO455 Ecology of Marsh and Dune Vegetation; (2) REG/P-F/AUD. *Prerequisite: BIOL 105. Formerly BOTN 463.*
0101 **(42174)** Koines, P.
TuTh 10:00am-10:50am (HJP 2242)

PBIO485 Medicinal and Poisonous Plants; (2) REG/P-F/AUD. *Prerequisites: BIOL 105 and CHEM 104. Formerly BOTN 403.* Course is taught in the fall semester only.
0101 **(42184)** Bean, G.
TuTh 9:00am-9:50am (HJP 1229)

PBIO689 Advanced Topics in Plant Biology; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO698C Seminar in Plant Biology: Physiology; (1) REG/AUD.
0101 **(42212)** Wolniak, S.
Tu 12:00pm-12:50pm (HJP 1216)

PBIO698J Seminar in Plant Biology: Genetics; (1) REG/AUD.
0101 **(42222)** Bottino, P.
Th 12:00pm-12:50pm (HJP 1216)

PBIO699A *(PermReq)* **Special Problems in Plant Biology: Cell Biology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699B *(PermReq)* **Special Problems in Plant Biology: Pathology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699C *(PermReq)* **Special Problems in Plant Biology: Physiology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699D *(PermReq)* **Special Problems in Plant Biology: Ecology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699E *(PermReq)* **Special Problems in Plant Biology: Mycology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699F *(PermReq)* **Special Problems in Plant Biology: Morphology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699J *(PermReq)* **Special Problems in Plant Biology: Genetics; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699N *(PermReq)* **Special Problems in Plant Biology: Plant Systematics; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO725 Growth and Development; (2) REG/AUD. *Prerequisite: PBIO 420. Formerly BOTN 645.*
0101 **(42252)** Barnett, N.
MW 10:00am-10:50am (HJP 1229)

PBIO799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

PBIO899 Doctoral Dissertation Research; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

PHIL Philosophy
(Arts and Humanities)

PHIL100 Introduction to Philosophy; (3) REG/P-F/AUD. CORE: HO
0101 **(42349)** Rey, G.
TuTh 11:00am-11:50am (SKN 0200)
M 9:00am-9:50am (SKN 1115) Dis
0102 **(42350)** Rey, G.
TuTh 11:00am-11:50am (SKN 0200)
M 10:00am-10:50am (TYD 1128) Dis
0103 **(42351)** Rey, G.
TuTh 11:00am-11:50am (SKN 0200)
M 12:00pm-12:50pm (WDS 1131) Dis
0104 **(42352)** Rey, G.
TuTh 11:00am-11:50am (SKN 0200)
M 9:00am-9:50am (TYD 0111) Dis
0105 **(42353)** Rey, G.
TuTh 11:00am-11:50am (SKN 0200)
M 10:00am-10:50am (ARC 1103) Dis
0106 **(42354)** Rey, G.
TuTh 11:00am-11:50am (SKN 0200)
M 12:00pm-12:50pm (SKN 1115) Dis
0201 **(42355)** Das, R.
MW 9:00am-9:50am (HJP 0226)
F 9:00am-9:50am (WDS 1130) Dis
0203 **(42357)** Das, R.
MW 9:00am-9:50am (HJP 0226)
F 10:00am-10:50am (TLF 2101) Dis
0205 **(42359)** Das, R.
MW 9:00am-9:50am (HJP 0226)
F 12:00pm-12:50pm (MMH 3418) Dis

PHIL110 Plato's Republic; (3) REG. CORE: HO
0101 **(42370)** Pasch, A.
MWF 2:00pm-2:50pm (SKN 1112)

PHIL140 Contemporary Moral Issues; (3) REG/P-F/AUD. CORE: HO
0101 **(42380)** Washington, C.
MW 1:00pm-1:50pm (JMZ 0220)
F 10:00am-10:50am (ZOP 1228) Dis
0102 **(42381)** Washington, C.
MW 1:00pm-1:50pm (JMZ 0220)
F 1:00pm-1:50pm (ASY 3215) Dis
0103 **(42382)** Washington, C.
MW 1:00pm-1:50pm (JMZ 0220)
F 2:00pm-2:50pm (ASY 3211) Dis
0104 **(42383)** Washington, C.
MW 1:00pm-1:50pm (JMZ 0220)
F 10:00am-10:50am (MMH 0108) Dis
0105 **(42384)** Washington, C.
MW 1:00pm-1:50pm (JMZ 0220)
F 1:00pm-1:50pm (KEY 0116) Dis
0106 **(42385)** Washington, C.
MW 1:00pm-1:50pm (JMZ 0220)
F 2:00pm-2:50pm (JRN 1105) Dis
0201 **(42386)** STAFF
MW 12:00pm-12:50pm (JMZ 0105)
F 9:00am-9:50am (SKN 0104) Dis
0202 **(42387)** STAFF
MW 12:00pm-12:50pm (JMZ 0105)
F 11:00am-11:50am (SKN 1115) Dis
0203 **(42388)** STAFF
MW 12:00pm-12:50pm (JMZ 0105)
F 12:00pm-12:50pm (WDS 1131) Dis
0301 **(42390)** Stairs, A.
Meets 09/02/97-11/13/97
TuTh 2:00pm-3:15pm (JMZ 0220)
F 9:00am-9:50am (EGR 3106) Dis
0302 **(42391)** Stairs, A.
Meets 09/02/97-11/13/97
TuTh 2:00pm-3:15pm (JMZ 0220)
F 11:00am-11:50am (TYD 0111) Dis
0303 **(42392)** Stairs, A.
Meets 09/02/97-11/13/97
TuTh 2:00pm-3:15pm (JMZ 0220)
F 12:00pm-12:50pm (SKN 1115) Dis
0401 **(42393)** Brown, J.
TuTh 10:00am-10:50am (JMZ 0105)
M 9:00am-9:50am (JMZ 0125) Dis
0402 **(42394)** Brown, J.
TuTh 10:00am-10:50am (JMZ 0105)
M 10:00am-10:50am (LEF 1220) Dis
0403 **(42395)** Brown, J.
TuTh 10:00am-10:50am (JMZ 0105)
M 12:00pm-12:50pm (TYD 1132) Dis

PHIL140+ Contemporary Moral Issues; (3) REG/P-F/AUD. CORE: HO Restricted to students in a First Year Focus Cluster.
0301 **(42405)** Stairs, A.
Meets 09/02/97-11/13/97
TuTh 2:00pm-3:15pm (JMZ 0220)
F 9:00am-9:50am (EGR 3106) Dis

A note about PHIL 1~0, PHIL 1~3, PHIL 2~1 and PHIL 2~3. All three are introductory logic courses. PHIL 1~0 provides the student with a broad understanding of the field of logic, in both its traditional and its modern forms. PHIL 1~3 and PHIL 1~4 concentrate on applications, using logic to uncover the deductive structure of published material written in a diversity of literary styles. PHIL 2~1 enables the student to develop skill in using the techniques of modern symbolic logic, and an understanding of some of its underlying principles. PHIL 2~3 emphasizes the relation of logic to traditional philosophical problems. All five courses attempt to develop in students a heightened sensitivity to logical form, logical fallacy, and the logical nuances of ordinary language.

PHIL170 Introduction to Logic; (3) REG/P-F/AUD.
0101 **(42415)** Stairs, A.
Meets 09/02/97-11/14/97
TuTh 11:00am-12:15pm (JMZ 0105)
F 9:00am-9:50am (SKN 1115) Dis
0102 **(42416)** Stairs, A.
Meets 09/02/97-11/14/97
TuTh 11:00am-12:15pm (JMZ 0105)
F 11:00am-11:50am (SKN 0104) Dis
0103 **(42417)** Stairs, A.
Meets 09/02/97-11/14/97
TuTh 11:00am-12:15pm (JMZ 0105)
F 1:00pm-1:50pm (TYD 1128)
0201 **(42418)** Horty, J.
TuTh 2:00pm-2:50pm (JMZ 0105)
F 9:00am-9:50am (WDS 0104) Dis
0202 **(42419)** Horty, J.
TuTh 2:00pm-2:50pm (JMZ 0105)
F 10:00am-10:50am (HJP 1229) Dis
0203 **(42420)** Horty, J.
TuTh 2:00pm-2:50pm (JMZ 0105)
F 12:00pm-12:50pm (WDS 1130) Dis

PHIL173 Logic and the English Language I; (3) REG.
0101 **(42430)** Pasch, A.
MWF 10:00am-10:50am (SKN 1112)

PHIL209P Philosophical Issues: Philosophy and Computers; (3) REG/AUD. CORE: MS
0101 **(42440)** Cherniak, C.
TuTh 2:00pm-3:15pm (SKN 0104)

PHIL245 Political and Social Philosophy I; (3) REG/P-F/AUD. CORE: HO
0101 **(42450)** Levine, P.
TuTh 12:30pm-1:45pm (JRN 1104)

PHIL245H Political and Social Philosophy I; (3) REG/P-F/AUD. CORE: HO Restricted to Honors Humanities students.
0101 **(42451)** Levine, P.
TuTh 12:30pm-1:45pm (JRN 1104)

PHIL250 Philosophy of Science I; (3) REG/AUD. CORE: HO
0101 **(42460)** Suppe, F.
TuTh 12:30pm-1:45pm (SKN 1112)

PHIL256 Philosophy of Biology I; (3) REG/AUD. CORE: HO
0101 **(42470)** Darden, L.
TuTh 2:00pm-3:15pm (LEF 1222)

PHIL271 Symbolic Logic I; (3) REG/AUD. CORE: MS *Formerly PHIL 371.*
0101 **(42480)** Svenonius, L.
MWF 10:00am-10:50am (SKN 1115)
0201 **(42481)** Svenonius, L.
MWF 1:00pm-1:50pm (SKN 1112)

PHIL308A Studies in Contemporary Philosophy: Philosophy of Literature and Film; (3) REG/AUD. Prerequisite: one course in philosophy or literature or the arts.
0101 **(42491)** Brown, J.
TuTh 12:30pm-1:45pm (LEF 1222)

PHIL320 Modern Philosophy; (3) REG/P-F/AUD. *Prerequisite: six credits in philosophy.*
0101 **(42511)** Manekin, C.
Meets 09/03/97-11/17/97
MW 2:00pm-3:15pm (JMZ 0103)
M 3:30pm-4:20pm (TYD 2108) Dis

PHIL326 Twentieth Century Analytic Philosophy; (3) REG/P-F/AUD. *Prerequisite: six credits in philosophy. Recommended: PHIL 320.*
0101 **(42521)** Morreau, M.
TuTh 12:30pm-1:45pm (SKN 1115)

PHIL341 Introduction to Ethical Theory; (3) REG. *Prerequisite: one course in PHIL. Not open to students who have completed PHIL 142. Formerly PHIL 142.*
0101 **(42531)** Greenspan, P.
MW 2:00pm-3:15pm (SKN 1115)

PHIL380 Philosophy of Psychology: Introduction; (3) REG/AUD. *Prerequisite: one course in philosophy or permission of department. Not open to students who have completed PHIL 465. Formerly PHIL 465.*
0101 **(42541)** Rey, G.
TuTh 2:00pm-3:15pm (JMZ 0202)

PHIL386 *(PermReq)* **Experiential Learning; (6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* Consult Director of Undergraduate Studies: A. Stairs. Prerequisites: 12 credit hours of philosophy and 3.0 GPA. Carries no credit toward philosophy major.

PHIL408C Topics in Contemporary Philosophy: Political Philosophy of Virtue Ethics: Caring, Love, and Justice; (3) REG/AUD. Prerequisite: PHIL 341 or PHIL 346 or PHIL 245, or permission of department.
0101 **(42552)** Slote, M.
TuTh 11:00am-12:15pm (SKN 1116)

PHIL417 Golden Age of Jewish Philosophy; (3) REG/P-F/AUD. *Prerequisite: six hours of philosophy or permission of department.*
0101 **(42562)** Manekin, C.
Meets 09/03/97-11/17/97
MW 11:00am-1:00pm (ZOP 1238)

PHIL440 Contemporary Ethical Theory; (3) REG. *Prerequisite: PHIL 341.*
0101 **(42572)** Greenspan, P.
MW 11:00am-12:15pm (SKN 1116)

PHIL447 Philosophy of Law; (3) REG/AUD. *Prerequisite: one course in philosophy.*
0101 **(42582)** Lichtenberg, J.
TuTh 11:00am-12:15pm (KEY 1117)

PHIL464 Metaphysics; (3) REG/P-F/AUD. *Prerequisite: six credits in philosophy.*
0101 **(42602)** Devitt, M.
TuTh 2:00pm-3:15pm (SYM 0200)

PHIL468 Topics in Philosophy of Language and Logic: Reference; (3) REG/AUD. Prerequisite: one course in symbolic logic, or permission of department.
0101 **(42612)** Devitt, M.
TuTh 11:00am-12:15pm (SKN 1112)

PHIL481 Philosophy of Psychology: Representation; (3) REG/P-F/AUD. *Prerequisite: PHIL 380 or graduate status or permission of department.*
0101 **(42622)** Washington, C.
MW 2:00pm-3:15pm (SKN 1116)

PHIL498F *(PermReq)* **Topical Investigations; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL498G *(PermReq)* **Topical Investigations; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL688C Selected Problems in Philosophy: Political Philosophy of Virtue Ethics: Caring, Love, and Justice; (3) REG/AUD.
0101 **(42676)** Slote, M.
TuTh 11:00am-12:15pm (SKN 1116)

PHIL688F *(PermReq)* **Selected Problems in Philosophy; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL688G *(PermReq)* **Selected Problems in Philosophy; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL6881 Selected Problems in Philosophy: Metaphysics; (3) REG/AUD.
0101 **(42730)** Devitt, M.
TuTh 2:00pm-3:15pm (SYM 0200)

PHIL688O Selected Problems in Philosophy: Contemporary Ethical Theory; (3) REG/AUD.
0101 **(42740)** Greenspan, P.
MW 11:00am-12:15pm (SKN 1116)

PHIL688R Selected Problems in Philosophy: Reference; (3) REG/AUD.
0101 **(42750)** Devitt, M.
TuTh 11:00am-12:15pm (SKN 1112)

PHIL688S Selected Problems in Philosophy: Current Research in the History of Philosophy and Science and Technology; (1) REG/AUD.
0101 **(42760)** Brush, S.
Th 3:00pm-3:50pm (KEY 0107)

PHIL688T Selected Problems in Philosophy: Twentieth Century Analytic Philosophy; (3) REG/AUD.
0101 **(42770)** Morreau, M.
TuTh 12:30pm-1:45pm (SKN 1115)

PHIL688W Selected Problems in Philosophy: Representation; (3) REG/AUD.
0101 **(42780)** Washington, C.
MW 2:00pm-3:15pm (SKN 1116)

PHIL788G *(PermReq)* **Research in Philosophy; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL7881 *(PermReq)* **Research in Philosophy; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

PHIL838M Seminar in Aesthetics: Philosophy of Music; (3) REG/AUD.
0101 **(42856)** Levinson, J.
Th 3:30pm-6:00pm (SKN 1116)

PHIL858U Seminar in Logic and Philosophy of Sciences: Unity and Disunity in Science; (3) REG/AUD.
0101 **(42866)** Darden, L.
Tu 4:00pm-6:30pm (SKN 1116)

PHIL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

PHYS Physics
(Computer, Mathematical and Physical Sciences)

PHYS101 Contemporary Physics - Revolutions in Physics; (3) REG/P-F/AUD. CORE: PS *Prerequisite: high school algebra through algebra 2 with trigonometry; (or MATH 113 or MATH 115). Not open to students who have completed PHYS 111 or PHYS 112.*
0101 **(42947)** Sagdeev, R.
MWF 2:00pm-2:50pm (PHY 1402)
Tu 11:00am-11:50am (PHY 1219) Dis
0102 **(42948)** Sagdeev, R.
MWF 2:00pm-2:50pm (PHY 1402)
Tu 1:00pm-1:50pm (PHY 1221) Dis

PHYS102 Physics of Music; (3) REG/P-F/AUD. *Prerequisite: high school algebra. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Physical Science Lab (PL) Course only when taken concurrently with PHYS 103.
0101 **(42958)** Greene, R.
TuTh 9:30am-10:45am (PHY 1410)

PHYS103 Physics of Music Laboratory; (1) REG/P-F/AUD. *Pre- or corequisite: PHYS 102. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Physical Science Lab (PL) Course only when taken concurrently with PHYS 102.
0101 **(42968)** STAFF
Th 11:00am-12:50pm (PHY 3213) Lab
0201 **(42969)** STAFF
Th 1:00pm-2:50pm (PHY 3213) Lab
0301 **(42970)** STAFF
Th 3:30pm-5:20pm (PHY 3213) Lab
0401 **(42971)** Berg, R.
F 10:00am-11:50am (PHY 3213) Lab
Section 0401 is recommended for First-Year students.
0501 **(42972)** STAFF
F 12:00pm-1:50pm (PHY 3213) Lab

PHYS106 Light, Perception, Photography, and Visual Phenomena; (3) REG/P-F/AUD. *Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Physical Science Lab (PL) Course only when taken with PHYS 107.
0101 **(42982)** Glick, A.
MWF 2:00pm-2:50pm (PHY 1410)

PHYS107 Light, Perception, Photography and Visual Phenomena Laboratory; (1) REG/P-F/AUD. *Pre- or corequisite: PHYS 106. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Physical Science Lab (PL) Course only when taken concurrently with PHYS 106.
0101 **(42993)** Hamilton, D.
Tu 9:00am-10:50am (PHY 3214) Lab
Section 0101 recommended for First Year students.
0201 **(42994)** Hamilton, D.
Tu 2:00pm-3:50pm (PHY 3214) Lab
Section 0201 recommended for First Year students.
0301 **(42995)** STAFF
W 9:00am-10:50am (PHY 3214) Lab
0501 **(42996)** STAFF
W 12:00pm-1:50pm (PHY 3214) Lab
0701 **(42997)** STAFF
Th 10:00am-11:50am (PHY 3214) Lab
0801 **(42998)** STAFF
Th 2:00pm-3:50pm (PHY 3214) Lab

PHYS111 Physics in the Modern World; (3) REG/P-F/AUD. CORE: PS Intended for students who will continue in PHYS 112. Offered fall only.
0101 **(43010)** Alley, C.
MWF 9:00am-9:50am (PHY 1410)

PHYS117 Introduction to Physics; (4) REG/P-F/AUD. CORE: PL *Prerequisite: qualification to enter MATH 110.*
0101 **(43020)** Griffin, J.
MWF 2:00pm-2:50pm (PHY 1412)
M 4:00pm-5:50pm (PHY 3316) Lab
0102 **(43021)** Griffin, J.
MWF 2:00pm-2:50pm (PHY 1412)
Tu 4:00pm-5:50pm (PHY 3316) Lab
0104 **(43022)** Griffin, J.
MWF 2:00pm-2:50pm (PHY 1412)
W 4:00pm-5:50pm (PHY 3316) Lab
0105 **(43023)** Griffin, J.
MWF 2:00pm-2:50pm (PHY 1412)
Tu 12:00pm-1:50pm (PHY 3316) Lab
0301 **(43024)** Sullivan, G.
MTuW 2:00pm-4:00pm (PHY 3316)
Section 0301 is recommended for elementary education majors.

PHYS117A Introduction to Physics; (4) REG/P-F/AUD. CORE: PL *Prerequisite: qualification to enter MATH 110.* Intended for elementary education majors only.
0101 **(43034)** Eno, S.
MTuW 9:00am-11:00am (PHY 3316)
0201 **(43035)** Sullivan, G.
MTuW 2:00pm-4:00pm (PHY 3316)

PHYS121 Fundamentals of Physics I; (4) REG/P-F/AUD. CORE: PL *Prerequisite: previous course work in trigonometry or MATH 115.* Physics clinic, PHY 1214, MTWHF 11,1.
0101 **(43045)** Bhagat, S.
MWF 10:00am-10:50am (PHY 1410)
W 5:00pm-6:50pm (PHY 3306) Lab
W 4:00pm-4:50pm (MTH 0303) Dis
0102 **(43046)** Bhagat, S.
MWF 10:00am-10:50am (PHY 1410)
M 4:00pm-5:50pm (PHY 3306) Lab
M 3:00pm-3:50pm (PHY 4220) Dis
0103 **(43047)** Bhagat, S.
MWF 10:00am-10:50am (PHY 1410)
Tu 11:00am-12:50pm (PHY 3306) Lab
Tu 10:00am-10:50am (PHY 4208) Dis
0104 **(43048)** Bhagat, S.
MWF 10:00am-10:50am (PHY 1410)
Tu 1:00pm-2:50pm (PHY 3306) Lab
Tu 12:00pm-12:50pm (PHY 1221) Dis
0105 **(43049)** Bhagat, S.
MWF 10:00am-10:50am (PHY 1410)
W 1:00pm-2:50pm (PHY 3306) Lab
W 12:00pm-12:50pm (PHY 1402) Dis
0201 **(43050)** Drew, H.
MWF 12:00pm-12:50pm (PHY 1410)
W 3:00pm-4:50pm (PHY 3306) Lab
W 2:00pm-2:50pm (PHY 0405) Dis
0203 **(43051)** Drew, H.
MWF 12:00pm-12:50pm (PHY 1410)
Th 11:00am-12:50pm (PHY 3306) Lab
Th 10:00am-10:50am (PHY 1402) Dis
0204 **(43052)** Drew, H.
MWF 12:00pm-12:50pm (PHY 1410)
Th 9:00am-10:50am (PHY 3306) Lab
Th 8:00am-8:50am (PHY 1221) Dis
0205 **(43053)** Drew, H.
MWF 12:00pm-12:50pm (PHY 1410)
Th 1:00pm-2:50pm (PHY 3306) Lab
Th 12:00pm-12:50pm (PHY 1221) Dis
0206 **(43054)** Drew, H.
MWF 12:00pm-12:50pm (PHY 1410)
M 2:00pm-3:50pm (PHY 3306) Lab
M 1:00pm-1:50pm (PHY 4220) Dis
0301 **(43055)** Redish, E.
TuTh 12:30pm-1:45pm (PHY 1412)
Tu 9:00am-10:50am (PHY 3306) Lab
Tu 8:00am-8:50am (PHY 4220) Dis
0302 **(43056)** Redish, E.
TuTh 12:30pm-1:45pm (PHY 1412)
M 10:00am-11:50am (PHY 3306) Lab
M 9:00am-9:50am (PHY 4220) Dis
0303 **(43057)** Redish, E.
TuTh 12:30pm-1:45pm (PHY 1412)
M 12:00pm-1:50pm (PHY 3306) Lab
M 11:00am-11:50am (PHY 1221) Dis
0304 **(43058)** Redish, E.
TuTh 12:30pm-1:45pm (PHY 1412)
Th 3:00pm-4:50pm (PHY 3306) Lab
Th 2:00pm-2:50pm (PHY 0405) Dis
0305 **(43059)** Redish, E.
TuTh 12:30pm-1:45pm (PHY 1412)
Tu 3:00pm-4:50pm (PHY 3306) Lab
Tu 2:00pm-2:50pm (PHY 4220) Dis
0306 **(43060)** Redish, E.
TuTh 12:30pm-1:45pm (PHY 1412)
M 6:00pm-7:50pm (PHY 3306) Lab
M 5:00pm-5:50pm (PHY 0405) Dis
0307 **(43061)** Redish, E.
TuTh 12:30pm-1:45pm (PHY 1412)
W 9:00am-10:50am (PHY 3306) Lab
W 8:00am-8:50am (PHY 1219) Dis
0401 **(43062)** STAFF
MW 7:00pm-8:30pm (PHY 1412)
Tu 7:30pm-9:20pm (PHY 3306) Lab
Tu 6:30pm-7:20pm (PHY 1219) Dis
0402 **(43063)** STAFF
MW 7:00pm-8:30pm (PHY 1412)
Th 5:00pm-6:50pm (PHY 3306) Lab
Tu 6:00pm-6:50pm (PHY 4208) Dis
0403 **(43064)** STAFF
MW 7:00pm-8:30pm (PHY 1412)
Tu 5:00pm-6:50pm (PHY 3306) Lab
Th 6:00pm-6:50pm (PHY 4208) Dis
0501 **(43065)** Dragt, A.
Tu 6:30pm-8:20pm (PHY 1410)
Th 6:30pm-7:20pm (PHY 1410)
Th 7:30pm-9:20pm (PHY 3306) Lab
Tu 8:30pm-9:20pm (PHY 1402) Dis
Section 0501 is recommended for post-baccalaureate students.
0601 **(43066)** Redish, E.
TuTh 12:30pm-1:45pm (PHY 1412)
W 11:00am-12:50pm (PHY 3306) Lab
W 10:00am-10:50am (PHY 1221) Dis

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8101 **(*****)** Dragt, A.
Tu 6:30pm-8:20pm (PHY 1410)
Th 6:30pm-7:20pm (PHY 1410)
Th 7:30pm-9:20pm (PHY 3306) Lab
Tu 8:30pm-9:20pm (PHY 1402) Dis

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Dr. Lucinda Jack, 1122 Symons Hall; phone (301)405-0316; email: evening@life.umd.edu).

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PHYS122 Fundamentals of Physics II; (4) REG/P-F/AUD. CORE: PL *Prerequisite: PHYS 121 or equivalent.* Physics clinic, PHY 1214, MTWHF 12,2.
0101 **(43076)** Dorfman, R.
MWF 1:00pm-1:50pm (PHY 1410)
M 4:00pm-5:50pm (PHY 3312) Lab
M 3:00pm-3:50pm (PHY 1221) Dis
0102 **(43077)** Dorfman, R.
MWF 1:00pm-1:50pm (PHY 1410)
Tu 9:00am-10:50am (PHY 3312) Lab
Tu 8:00am-8:50am (PHY 1221) Dis
0103 **(43078)** Dorfman, R.
MWF 1:00pm-1:50pm (PHY 1410)
Tu 12:00pm-1:50pm (PHY 3312) Lab
Tu 11:00am-11:50am (PHY 1221) Dis
0104 **(43079)** Dorfman, R.
MWF 1:00pm-1:50pm (PHY 1410)
Tu 2:00pm-3:50pm (PHY 3312) Lab
Tu 1:00pm-1:50pm (PHY 4220) Dis
0105 **(43080)** Dorfman, R.
MWF 1:00pm-1:50pm (PHY 1410)
W 9:00am-10:50am (PHY 3312) Lab
W 8:00am-8:50am (PHY 4208) Dis
0107 **(43081)** Dorfman, R.
MWF 1:00pm-1:50pm (PHY 1410)
Th 9:00am-10:50am (PHY 3312) Lab
Th 8:00am-8:50am (PHY 4208) Dis
0201 **(43082)** Anderson, J.
TuTh 9:30am-10:45am (PHY 1219)
TuTh 9:30am-10:45am (PHY 1221)
W 11:00am-12:50pm (PHY 3312) Lab
W 9:00am-9:50am (PHY 4220) Dis
0202 **(43083)** Anderson, J.
TuTh 9:30am-10:45am (PHY 1219)
TuTh 9:30am-10:45am (PHY 1221)
M 12:00pm-1:50pm (PHY 3312) Lab
M 10:00am-10:50am (PHY 1221) Dis
0203 **(43084)** Anderson, J.
TuTh 9:30am-10:45am (PHY 1219)
TuTh 9:30am-10:45am (PHY 1221)
Th 2:00pm-3:50pm (PHY 3312) Lab
Th 1:00pm-1:50pm (PHY 1221) Dis
0301 **(43085)** Liu, C.
MWF 9:00am-9:50am (PHY 1219)
MWF 9:00am-9:50am (PHY 1221)
W 3:00pm-4:50pm (PHY 3312) Lab
W 2:00pm-2:50pm (PHY 4208) Dis
0302 **(43086)** Liu, C.
MWF 9:00am-9:50am (PHY 1219)
MWF 9:00am-9:50am (PHY 1221)
Th 12:00pm-1:50pm (PHY 3312) Lab
Th 11:00am-11:50am (EGR 3114) Dis
0401 **(43087)** Paik, H.
MW 7:00pm-8:15pm (PHY 0405)
Tu 7:30pm-9:20pm (PHY 3312) Lab
Tu 6:30pm-7:20pm (PHY 4220) Dis

PHYS141 Principles of Physics; (4) REG/P-F/AUD. CORE: PL *Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.* Physics clinics, PHY 1214, MTWHF 10,12.
0102 **(43097)** Antonsen, T.
MWF 11:00am-11:50am (PHY 1410)
M 4:00pm-5:50pm (PHY 3314) Lab
M 3:00pm-3:50pm (PHY 0405) Dis
0103 **(43098)** Antonsen, T.
MWF 11:00am-11:50am (PHY 1410)
Tu 9:00am-10:50am (PHY 3314) Lab
Tu 8:00am-8:50am (PHY 1402) Dis
0104 **(43099)** Antonsen, T.
MWF 11:00am-11:50am (PHY 1410)
Tu 11:00am-12:50pm (PHY 3314) Lab
Tu 10:00am-10:50am (PHY 1402) Dis
0201 **(43100)** Kirkpatrick, T.
MWF 1:00pm-1:50pm (PHY 1402)
Tu 2:00pm-3:50pm (PHY 3314) Lab
Tu 1:00pm-1:50pm (PHY 0405) Dis

PHYS142 Principles of Physics; (4) REG/P-F/AUD. CORE: PL *Prerequisite: PHYS 141 or equivalent. Credit will be granted for only one of the following: PHYS 142, PHYS 262, PHYS 272, or former PHYS 192.* Physics clinic PHY 1214, MTWHF 2.
0102 **(43110)** Banerjee, M.
MWF 3:00pm-3:50pm (PHY 1219)
Th 12:00pm-1:50pm (PHY 3310) Lab
Th 11:00am-11:50am (PHY 1219) Dis

PHYS161 General Physics: Mechanics and Particle Dynamics; (3) REG/P-F/AUD. CORE: PS *Pre- or corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.* Physics clinic, PHY 1214, MTWHF 11, 2.
0101 **(43120)** Boyd, D.
MWF 3:00pm-3:50pm (PHY 1410)
Tu 3:00pm-3:50pm (PHY 4220) Dis
0103 **(43121)** Boyd, D.
MWF 3:00pm-3:50pm (PHY 1410)
F 10:00am-10:50am (PHY 0405) Dis
0104 **(43122)** Boyd, D.
MWF 3:00pm-3:50pm (PHY 1410)
F 11:00am-11:50am (PHY 1219) Dis
0201 **(43123)** Chen, H.
TuTh 11:00am-12:15pm (PHY 1410)
Th 8:00am-8:50am (PHY 1219) Dis
0202 **(43124)** Chen, H.
TuTh 11:00am-12:15pm (PHY 1410)
Tu 2:00pm-2:50pm (PHY 1402) Dis
0203 **(43125)** Chen, H.
TuTh 11:00am-12:15pm (PHY 1410)
W 3:00pm-3:50pm (PHY 1221) Dis
0301 **(43126)** Gates, S.
MWF 10:00am-10:50am (PHY 1412)
Tu 1:00pm-1:50pm (PHY 1219) Dis
0302 **(43127)** Gates, S.
MWF 10:00am-10:50am (PHY 1412)
Tu 4:00pm-4:50pm (PHY 1402) Dis
0303 **(43128)** Gates, S.
MWF 10:00am-10:50am (PHY 1412)
Th 9:00am-9:50am (PHY 4208) Dis
0304 **(43129)** Gates, S.
MWF 10:00am-10:50am (PHY 1412)
Th 10:00am-10:50am (PHY 4208) Dis
0305 **(43130)** Gates, S.
MWF 10:00am-10:50am (PHY 1412)
W 4:00pm-4:50pm (PHY 0405) Dis

PHYS170 Professional Physics Seminar; (1) REG/P-F/AUD. *Corequisite: MATH 140. Recommended: high school physics.*
0101 **(43140)** Park, R.
W 12:00pm-12:50pm (PHY 0405)

PHYS170+ Professional Physics Seminar; (1) REG/P-F/AUD. *Corequisite: MATH 140. Recommended: high school physics.*
0101 **(43141)** Park, R.
W 12:00pm-12:50pm (PHY 0405)
0102 **(43142)** Park, R.
W 12:00pm-12:50pm (PHY 0405)

PHYS171 Introductory Physics: Mechanics and Relativity; (3) REG/P-F/AUD. CORE: PS *Prerequisite: MATH 140 and a high school physics course or permission of department. Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.*
0201 **(43150)** Williams, E.
MTuThF 9:00am-9:50am (PHY 1402)

PHYS171H Introductory Physics: Mechanics and Relativity; (3) REG/P-F/AUD. CORE: PS *Prerequisite: MATH 140 and a high school physics course or permission of department. Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.* For general honors students only.
0201 **(43160)** Williams, E.
MTuThF 9:00am-9:50am (PHY 1402)

PHYS174 Physics Laboratory Introduction; (1) REG/P-F/AUD. *Pre- or corequisite: MATH 140.*
0101 **(43170)** Goodman, J.
W 8:00am-9:50am (PHY 3112) Lab
0102 **(43171)** Goodman, J.
W 3:00pm-4:50pm (PHY 3112) Lab

PHYS221 General Physics For Science Teachers I; (4) REG/P-F/AUD. *Prerequisite: a high school physics course. Pre- or corequisite: MATH 140 or MATH 220.*
0101 **(43181)** Layman, J.
MWF 12:00pm-1:50pm (PHY 3316)

PHYS262 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; (4) REG/P-F/AUD. CORE: PL *Prerequisite: PHYS 161. Corequisite: PHYS 262A. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262.* Physics clinic, PHY 1214, MTWHF 10, 12, 2.
0201 **(43191)** Coplan, M.
MWF 11:00am-11:50am (PHY 1412)
Tu 8:00am-8:50am (PHY 1219) Dis
0202 **(43192)** Coplan, M.
MWF 11:00am-11:50am (PHY 1412)
Tu 9:00am-9:50am (PHY 4208) Dis
0203 **(43193)** Coplan, M.
MWF 11:00am-11:50am (PHY 1412)
Tu 11:00am-11:50am (ARM 0103) Dis
0204 **(43194)** Coplan, M.
MWF 11:00am-11:50am (PHY 1412)
W 10:00am-10:50am (PHY 4208) Dis
0205 **(43195)** Coplan, M.
MWF 11:00am-11:50am (PHY 1412)
W 12:00pm-12:50pm (PHY 4208) Dis
0302 **(43196)** Woo, C.
TuTh 8:00am-9:15am (PHY 1412)
Tu 10:00am-10:50am (EGR 0108) Dis
0303 **(43197)** Woo, C.
TuTh 8:00am-9:15am (PHY 1412)
Tu 12:00pm-12:50pm (PHY 1219) Dis
0304 **(43198)** Woo, C.
TuTh 8:00am-9:15am (PHY 1412)
W 9:00am-9:50am (PHY 4208) Dis
0305 **(43199)** Woo, C.
TuTh 8:00am-9:15am (PHY 1412)
W 11:00am-11:50am (PHY 1221) Dis
0306 **(43200)** Woo, C.
TuTh 8:00am-9:15am (PHY 1412)
W 8:00am-8:50am (PHY 1402) Dis
0401 **(43201)** Webb, R.
MW 7:00pm-9:00pm (PHY 1410)
MW 7:00pm-9:00pm (PHY 4220) Dis
0402 **(43202)** Webb, R.
MW 7:00pm-9:00pm (PHY 1410)
MW 7:00pm-9:00pm (PHY 1219) Dis

PHYS262A General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); (No credit) NGI. Corequisite: PHYS 262.
0101 **(43212)** Jawahery, A.
M 8:00am-10:50am (PHY 3219) Lab
0102 **(43213)** Jawahery, A.
M 12:00pm-2:50pm (PHY 3219) Lab
0103 **(43214)** Jawahery, A.
M 3:00pm-5:50pm (PHY 3219) Lab
0104 **(43215)** Jawahery, A.
Tu 10:00am-12:50pm (PHY 3219) Lab
0105 **(43216)** Jawahery, A.
Tu 1:00pm-3:50pm (PHY 3219) Lab
0110 **(43218)** Jawahery, A.
W 8:00am-10:50am (PHY 3219) Lab
0111 **(43219)** Jawahery, A.
W 1:00pm-3:50pm (PHY 3219) Lab
0112 **(43220)** Jawahery, A.
W 4:00pm-6:50pm (PHY 3219) Lab
0114 **(43221)** Jawahery, A.
Th 11:00am-1:50pm (PHY 3219) Lab
0117 **(43222)** Jawahery, A.
Th 2:00pm-4:50pm (PHY 3219) Lab
0118 **(43223)** Jawahery, A.
Th 7:00pm-9:50pm (PHY 3219) Lab

PHYS262H General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; (4) REG/P-F/AUD. CORE: PL *Prerequisite: PHYS 161. Corequisite: PHYS 262A. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262.* For general honors students only.
0201 **(43233)** Coplan, M.
MWF 11:00am-11:50am (PHY 1412)
M 4:00pm-4:50pm (PHY 4220) Dis
0301 **(43234)** Woo, C.
TuTh 8:00am-9:15am (PHY 1412)
M 4:00pm-4:50pm (PHY 4220) Dis

PHYS263 General Physics: Electrodynamics, Light, Relativity and Modern Physics; (4) REG/P-F/AUD. CORE: PL *Prerequisite: PHYS 262. Corequisite: PHYS 263A. Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293.* Physics clinic, PHY 1214, MTWHF 10, 11, 1.
0101 **(43244)** Chang, C.
MW 4:00pm-5:15pm (PHY 1410)
Th 2:00pm-2:50pm (PHY 4220) Dis
0102 **(43245)** Chang, C.
MW 4:00pm-5:15pm (PHY 1410)
Th 4:00pm-4:50pm (PHY 1402) Dis
0103 **(43246)** Chang, C.
MW 4:00pm-5:15pm (PHY 1410)
F 12:00pm-12:50pm (PHY 1221) Dis
0104 **(43247)** Chang, C.
MW 4:00pm-5:15pm (PHY 1410)
F 1:00pm-1:50pm (PHY 1221) Dis
0301 **(43248)** Einstein, T.
MWF 12:00pm-12:50pm (PHY 1412)
W 1:00pm-1:50pm (PHY 4208) Dis
0302 **(43249)** Einstein, T.
MWF 12:00pm-12:50pm (PHY 1412)
W 2:00pm-2:50pm (PHY 1221) Dis
0305 **(43250)** Einstein, T.
MWF 12:00pm-12:50pm (PHY 1412)
Th 11:00am-11:50am (PHY 1221) Dis
0306 **(43251)** Einstein, T.
MWF 12:00pm-12:50pm (PHY 1412)
Th 3:00pm-3:50pm (PHY 0405) Dis
0307 **(43252)** Einstein, T.
MWF 12:00pm-12:50pm (PHY 1412)
Th 1:00pm-1:50pm (PHY 0405) Dis

PHYS263A General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); (No credit) NGI. Laboratory. Corequisite: PHYS 263.
0101 **(43262)** Jawahery, A.
M 12:00pm-2:50pm (PHY 3220) Lab
0102 **(43263)** Jawahery, A.
M 3:00pm-5:50pm (PHY 3220) Lab
0103 **(43264)** Jawahery, A.
M 6:00pm-8:50pm (PHY 3220) Lab
0105 **(43265)** Jawahery, A.
Tu 10:00am-12:50pm (PHY 3220) Lab
0106 **(43266)** Jawahery, A.
Tu 1:00pm-3:50pm (PHY 3220) Lab
0107 **(43267)** Jawahery, A.
Tu 4:00pm-6:50pm (PHY 3220) Lab
0111 **(43268)** Jawahery, A.
W 8:00am-10:50am (PHY 3220) Lab
0116 **(43270)** Jawahery, A.
W 2:00pm-4:50pm (PHY 3220) Lab
0117 **(43271)** Jawahery, A.
Th 11:00am-1:50pm (PHY 3220) Lab
0118 **(43272)** Jawahery, A.
Th 2:00pm-4:50pm (PHY 3220) Lab

PHYS272 Introductory Physics: Fields; (3) REG/P-F/AUD. *Prerequisites: (PHYS 171 or PHYS 161) and MATH 141. Corequisite: MATH 241. Credit will be granted for only one of the following: PHYS 272 or PHYS 262 or PHYS 142.* CORE Physical Science Lab (PL) Course only when taken concurrently with PHYS 275.
0101 **(43283)** Hu, B.
MTuThF 12:00pm-12:50pm (PHY 0405)

PHYS272H Introductory Physics: Fields; (3) REG/P-F/AUD. *Prerequisites: (PHYS 171 or PHYS 161) and MATH 141. Corequisite: MATH 241. Credit will be granted for only one of the following: PHYS 272 or PHYS 262 or PHYS 142.* CORE Physical Science Lab (PL) Course only when taken concurrently with PHYS 275. For general honors students only.
0101 **(43293)** Hu, B.
MTuThF 12:00pm-12:50pm (PHY 0405)

PHYS273 Introductory Physics: Electrodynamics and Relativity; (3) REG/P-F/AUD. *Prerequisites: PHYS 272, PHYS 275 and (MATH 240 or MATH 241). Corequisites: PHYS 276 and (MATH 240 or MATH 241). Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293.*
0101 **(43303)** Cohen, T.
MTuThF 11:00am-11:50am (PHY 1402)

PHYS273H Introductory Physics: Electrodynamics and Relativity; (3) REG/P-F/AUD. *Prerequisites: PHYS 272, PHYS 275 and (MATH 240 or MATH 241). Corequisites: PHYS 276 and (MATH 240 or MATH 241). Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293.* For general honors students only.
0101 **(43313)** Cohen, T.
MTuThF 11:00am-11:50am (PHY 1402)

PHYS275 *(PermReq)* **Experimental Physics I: Mechanics and Thermodynamics; (1)** REG/P-F/AUD. *Prerequisite: PHYS 171 or PHYS 191. Two-three hour laboratory-lecture per week. Credit will not be granted for more than two of the following courses: PHYS 275, PHYS 195, PHYS 196.* CORE Physical Science Lab (PL) Course only when taken concurrently with PHYS 272.
0101 **(43323)** Skuja, A.
M 2:00pm-4:50pm (PHY 3203) Lab
0301 **(43324)** Skuja, A.
W 1:00pm-3:50pm (PHY 3203) Lab

PHYS276 *(PermReq)* **Experimental Physics II: Electricity and Magnetism; (2)** REG/P-F/AUD. *Prerequisites: PHYS 272 and PHYS 275. Credit will be granted for only one of the following: PHYS 276 or former PHYS 295.*
0101 **(43334)** Ellis, R.
M 2:15pm-6:00pm (PHY 3211) Lab
0201 **(43335)** Ellis, R.
Tu 1:00pm-4:50pm (PHY 3211) Lab

PHYS299 *(PermReq)* **Special Problems in Physics; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS305 Physics Shop Techniques; (1) REG/P-F/AUD. *Prerequisite: PHYS 395 or permission of department.*
0101 **(43471)** Giddings, M.
Tu 9:00am-12:00pm (PHY 0125) Lab
0201 **(43472)** Giddings, M.
Th 9:00am-12:00pm (PHY 0125) Lab

PHYS374 Intermediate Theoretical Methods; (4) REG/P-F/AUD. *Prerequisites: PHYS 273 and MATH 246. Corequisite: MATH 240.*
0101 **(43482)** Luty, M.
MTuThF 11:00am-11:50am (PHY 0405)

PHYS375 Experimental Physics III: Electromagnetic Waves, Optics and Modern Physics; (2) REG/P-F/AUD. *Prerequisites: PHYS 273 and PHYS 276. Credit will be granted for only one of the following: PHYS 375 or former PHYS 296.*
0101 **(43492)** Skiff, F.
M 1:00pm-4:50pm (PHY 3104)
0401 **(43493)** Skiff, F.
Tu 2:00pm-5:50pm (PHY 3104)

PHYS386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

PHYS389 *(PermReq)* **Undergraduate Thesis Research; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS395 Advanced Experiments; (3) REG/P-F/AUD. *Prerequisite: PHYS 375. For PHYS majors only.* Besides lab hours scheduled below, additional required lab time will be arranged. Labs begin first week of classes.
0102 **(43638)** Roos, P.
W 12:00pm-3:50pm (PHY 3210) Lab

PHYS398 *(PermReq)* **Independent Studies Seminar; (1-16)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS399 *(PermReq)* **Special Problems in Physics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS406 Optics; (3) REG/P-F/AUD. *Prerequisite: {PHYS 263 or PHYS 273 or PHYS 301}; and MATH 240.*
0101 **(43915)** Hadley, N.
MW 4:00pm-5:15pm (PHY 1219)

PHYS410 Elements of Theoretical Physics: Mechanics; (4) REG/P-F/AUD. *Prerequisite: {PHYS 263 or PHYS 273 or PHYS 301}; and MATH 241. Corequisite: MATH 240.*
0101 **(43925)** Greenberg, O.
TuTh 9:00am-10:50am (PHY 0405)

PHYS414 Introduction to Thermodynamics and Statistical Mechanics; (3) REG/P-F/AUD. *Prerequisites: PHYS 273 or equivalent, and MATH 241.*
0101 **(43945)** Lobb, C
MWF 9:00am-9:50am (PHY 0405)

PHYS420 Principles of Modern Physics; (3) REG/P-F/AUD. *Prerequisite: {PHYS 263 or PHYS 273 or PHYS 301}; and MATH 241. Credit will be granted for only one of the following: PHYS 420 or PHYS 421.*
0101 **(43955)** Wellstood, F.
MW 4:00pm-5:15pm (PHY 1221)

PHYS421 Introduction to Modern Physics; (3) REG/P-F/AUD. *Prerequisite: {PHYS 263 or PHYS 273 or PHYS 301}; and MATH 241, including some knowledge of ordinary differential equations. Credit will be granted for only one of the following: PHYS 420 or PHYS 421.*
0101 **(43965)** Ji, X.
MF 10:00am-10:50am (PHY 1402)
W 10:00am-11:50am (PHY 1402)

PHYS429 Atomic and Nuclear Physics Laboratory; (3) REG/AUD. Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of the section for which they registered. Physics majors only.
0101 **(43985)** Gammon, R.
M 1:00pm-6:00pm (PHY 3112)

PHYS499A *(PermReq)* **Special Problems in Physics: Individual Problems with Laboratory; (1-16)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS499B *(PermReq)* **Special Problems in Physics: Individual Problems; (1-16)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS601 Theoretical Dynamics; (3) REG/AUD. *Prerequisite: PHYS 410 or equivalent.*
0101 **(44267)** Fivel, D.
MWF 1:00pm-1:50pm (EGR 3140)

PHYS604 Methods of Mathematical Physics; (3) REG/AUD. *Prerequisites: {advanced calculus; and PHYS 410; and PHYS 411}; or equivalent.*
0101 **(44277)** Drake, J.
TuTh 2:00pm-3:15pm (PHY 1219)
TuTh 2:00pm-3:15pm (PHY 1221)

PHYS621 Graduate Laboratory; (3) REG/AUD. All labs will extend 1 hour beyond those listed below. Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of the section for which they are registered.
0101 **(44287)** Gammon, R.
M 1:00pm-6:00pm (PHY 3112) Lab

PHYS622 Introduction to Quantum Mechanics I; (4) REG/AUD. *Prerequisite: an outstanding undergraduate background in physics.*
0201 **(44297)** Yakovenko, V.
MW 3:00pm-4:50pm (PHY 1402)

PHYS623 Introduction to Quantum Mechanics II; (3) REG/AUD. *Prerequisite: an outstanding undergraduate background in physics.*
0101 **(44307)** Jacobson, T.
MW 11:00am-12:15pm (PHY 4220)

PHYS624 Advanced Quantum Mechanics; (3) REG/AUD. *Prerequisite: PHYS 623.*
0101 **(44317)** Sucher, J.
MWF 11:00am-11:50am (PHY 4208)

PHYS675 Introduction to Relativity, Gravitation and Cosmology; (3) REG/AUD. *Prerequisites: PHYS 601 and PHYS 606.*
0101 **(44327)** Brill, D.
TuTh 2:00pm-3:15pm (PHY 4208)

PHYS708 Seminar in Teaching College Physics; (1) REG/AUD.
0101 **(44337)** Redish, E.
Th 2:30pm-4:00pm (Arranged)

PHYS709 Seminar in General Physics: Statistical Physics Seminar; (1) REG/AUD.
0101 **(44347)** Kirkpatrick, T.
Tu 1:15pm-2:30pm (IPT 1116)

PHYS711 Symmetry Problems in Physics; (3) REG/AUD. *Prerequisite: PHYS 623.*
0101 **(44357)** Kim, Y.
MWF 1:00pm-1:50pm (PHY 0405)

PHYS719 Seminar in General Physics: Accelerator Theory and Dynamical Systems; (1) REG/AUD.
0101 **(44367)** Gluckstern, R.
W 1:30pm-3:00pm (EGR 3111)

PHYS731 Solid State Physics: Survey; (3) REG/AUD.
0101 **(44377)** Das-Sarma, S.
TuTh 11:00am-12:15pm (PHY 4208)

PHYS738 Seminar in Experimental Solid State Physics: Quantum Mechanical Many-Body Problems; (1) REG/AUD.
0101 **(44387)** Anderson, J.
Th 4:00pm-5:30pm (PLS 1130)

PHYS739 Seminar in Theoretical Solid State Physics: Quantum Mechanical Many-Body Problems; (1) REG/AUD.
0101 **(44397)** Das-Sarma, S.
Th 4:00pm-5:30pm (PLS 1130)

PHYS748 Seminar in Experimental Nuclear Physics; (1) REG/AUD.
0101 **(44407)** Roos, P.
M 3:00pm-4:30pm (PHY 1304)

PHYS749 Seminar in Theoretical Nuclear Physics; (1) REG/AUD.
0101 **(44417)** Banerjee, M.
F 3:00pm-5:00pm (PHY 0405)

PHYS751 Elementary Particle Physics I: Survey; (3) REG/AUD. *Corequisite: PHYS 624.*
0101 **(44418)** Mohapatra, R.
M 2:00pm-3:30pm (PHY 4208)
W 2:00pm-3:30pm (PHY 1304)

PHYS758 Seminar in Elementary Particles and Quantum Field Theory: High Energy Physics; (1) REG/AUD.
0101 **(44427)** Jawahery, A.
W 3:00pm-4:30pm (PHY 4220)

PHYS759 Seminar in Elementary Particles and Quantum Field Theory; (1) REG/AUD.
0101 **(44437)** Mohapatra, R.
M 3:00pm-4:50pm (PHY 4102)

PHYS761 Plasma Physics I: Survey; (3) REG/AUD. *Prerequisites: {PHYS 604; and PHYS 606}.*
0101 **(44447)** Hassam, A.
TuTh 12:30pm-1:45pm (PHY 4208)

PHYS769 Seminar in Plasma Physics; (1) REG/AUD. Class will meet in ERF 1207.
0101 **(44457)** Hassam, A.
W 4:00pm-5:15pm (Arranged)

PHYS778 Seminar in Space and Cosmic Ray Physics; (1) REG/AUD.
0101 **(44467)** Hamilton, D.
M 4:30pm-5:45pm (CLB 0104)

PHYS779A Seminar in General Relativity: Theoretical General Relativity; (1) REG/AUD.
0101 **(44477)** Hu, B.
F 3:00pm-4:30pm (PHY 4208)

PHYS798 *(PermReq)* **Special Problems in Advanced Physics; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS798B Special Problems in Advanced Physics: Physics Colloquium; (1) REG/AUD.
0101 **(44624)** Misner, C.
Tu 4:00pm-6:00pm (PHY 1410)

PHYS798D Special Problems in Advanced Physics: Applied Dynamics Seminar; (1) REG/AUD.
0101 **(44634)** Ott, E.
Th 12:00pm-1:30pm (Arranged)

PHYS799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

PHYS838A Special Topics in Experimental Solid State Physics: Current Topics in Surface Physics; (2) REG/AUD.
0101 **(44780)** Williams, E.
M 12:00pm-1:00pm (PHY 1304)
F 3:00pm-5:00pm (PHY 1402)

PHYS838C Special Topics in Experimental Solid State Physics: Superconductivity Seminar; (2) REG/AUD.
0101 **(44790)** Greene, R.
W 12:00pm-1:50pm (PHY 1221)
W 12:00pm-1:50pm (PHY 1219)

PHYS839A Special Topics in Theoretical Solid State Physics: Theory of Low Dimensional Systems; (1) REG/AUD.
0101 **(44800)** Das-Sarma, S.
F 4:00pm-7:00pm (PHY 1304)

PHYS899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact dept. or instructor to obtain section number.
Physics Colloquium meets Tu 4-5:30 in PHY 1410 and PHY 1412.
Physics Journal Club meets Th 4-5:30 in PHY 1410.

PORT Portuguese
(Arts and Humanities)

PORT101 Elementary Portuguese; (4) REG/P-F/AUD.
0101 **(44996)** STAFF
MWF 10:00am-10:50am (PLS 1180)
Tu 10:00am-10:50am (JMZ 0120)

PORT203 Intermediate Portuguese; (4) REG/P-F/AUD. *Prerequisite: PORT 102.*
0101 **(45006)** STAFF
MWF 11:00am-11:50am (JMZ 0120)
Tu 11:00am-11:50am (JMZ 0120)

PORT224 Brazilian Culture; (3) REG/P-F/AUD. CORE: HO DIVERSITY
0101 **(45016)** Peres, P.
TuTh 12:30pm-1:45pm (JMZ 3203)

PORT231 Introduction to the Literatures of the Portuguese Language; (3) REG/P-F/AUD. *Prerequisite: PORT 205 or permission of department.*
0101 **(45026)** Igel, R.
MWF 1:00pm-1:50pm (JMZ 2206)

PORT234 Issues in Latin American Studies I; (3) REG/P-F/AUD. CORE: HO DIVERSITY *Also offered as SPAN 234. Credit will be granted for only one of the following: PORT 234 or SPAN 234.*
0101 **(45036)** Peres, P.
TuTh 11:00am-12:15pm (JMZ 0118)

PORT386 *(PermReq)* **Experiential Learning; (6)** REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*
0101 **(45046)** Igel, R.
Time and room to be arranged

PORT399 Independent Study in Portuguese; (1-3) REG/P-F/AUD.
0101 **(45056)** Igel, R.
Time and room to be arranged
0201 **(45057)** Peres, P.
Time and room to be arranged

PORT478C Women as Authors and Characters in Brazilian Literature; (3) REG/P-F/AUD. DIVERSITY
0101 **(45067)** Igel, R.
MWF 2:00pm-2:50pm (JMZ 0202)

PORT699 *(PermReq)* **Independent Study of Portuguese; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PSYC Psychology
(Behavioral and Social Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

The Department of Psychology enforces course prerequisites. Students who do not meet the course prerequisites will be administratively dropped from the course.

PSYC100 Introduction to Psychology; (3) REG/P-F/AUD. CORE: SB Discussion sections do not meet until after first lecture. Research requirement: may involve participation in research.
0110 **(45127)** Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
M 10:00am-10:50am (ZOP 1228) Dis
0111 **(45128)** Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
M 11:00am-11:50am (ZOP 1228) Dis
0112 **(45129)** Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
M 12:00pm-12:50pm (ZOP 1228) Dis
0113 **(45130)** Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
W 1:00pm-1:50pm (ZOP 1228) Dis
0114 **(45131)** Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
M 2:00pm-2:50pm (ZOP 1228) Dis
0115 **(45132)** Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
M 3:00pm-3:50pm (ZOP 1228) Dis
0116 **(45133)** Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
W 10:00am-10:50am (ZOP 1228) Dis
0117 **(45134)** Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
M 9:00am-9:50am (ZOP 1228) Dis
0118 **(45135)** Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
F 9:00am-9:50am (ZOP 1228) Dis
0119 **(45136)** Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
Th 12:00pm-12:50pm (ZOP 1228) Dis

(PSYC100 cont'd)

0120 (45137) Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
Th 1:00pm-1:50pm (ZOP 1228) Dis
0121 (45138) Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
Th 2:00pm-2:50pm (ZOP 1228) Dis
0122 (45139) Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
Th 3:00pm-3:50pm (ZOP 1228) Dis
0123 (45140) Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
F 11:00am-11:50am (ZOP 1228) Dis
0124 (45141) Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
F 12:00pm-12:50pm (ZOP 1228) Dis
0125 (45142) Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
F 1:00pm-1:50pm (ZOP 1228) Dis
0126 (45143) Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
F 2:00pm-2:50pm (ZOP 1228) Dis
0127 (45144) Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
M 10:00am-10:50am (ZOP 1124) Dis
0128 (45145) Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
M 11:00am-11:50am (ZOP 1124) Dis
0129 (45146) Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
M 12:00pm-12:50pm (ZOP 1124) Dis
0220 (45147) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 11:00am-11:50am (ZOP 1228) Dis
0221 (45148) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 12:00pm-12:50pm (ZOP 1228) Dis
0222 (45149) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
M 1:00pm-1:50pm (ZOP 1228) Dis
0223 (45150) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 2:00pm-2:50pm (ZOP 1228) Dis
0224 (45151) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 3:00pm-3:50pm (ZOP 1228) Dis
0225 (45152) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 9:00am-9:50am (ZOP 1124) Dis
0226 (45153) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
Tu 9:00am-9:50am (ZOP 1228) Dis
0227 (45154) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
Th 9:00am-9:50am (ZOP 1228) Dis
0228 (45155) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
Th 10:00am-10:50am (ZOP 1228) Dis
0229 (45156) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
Th 11:00am-11:50am (ZOP 1228) Dis
0230 (45157) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
M 1:00pm-1:50pm (ZOP 1124) Dis
0231 (45158) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 10:00am-10:50am (ZOP 1124) Dis
0232 (45159) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 11:00am-11:50am (ZOP 1124) Dis
0233 (45160) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 12:00pm-12:50pm (ZOP 1124) Dis
0234 (45161) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 1:00pm-1:50pm (ZOP 1124) Dis
0235 (45162) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
F 1:00pm-1:50pm (ZOP 1124) Dis
0236 (45163) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
F 2:00pm-2:50pm (ZOP 1124) Dis
0237 (45164) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
M 3:00pm-3:50pm (ZOP 1124) Dis
0238 (45165) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
M 9:00am-9:50am (ZOP 1124) Dis
0239 (45166) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
M 2:00pm-2:50pm (ZOP 1124) Dis
0330 (45167) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
Tu 9:00am-9:50am (ZOP 1124) Dis
0331 (45168) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
Tu 10:00am-10:50am (ZOP 1228) Dis
0332 (45169) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
Tu 1:00pm-1:50pm (ZOP 1228) Dis
0333 (45170) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
Tu 2:00pm-2:50pm (ZOP 1228) Dis
0334 (45171) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
Tu 11:00am-11:50am (ZOP 1228) Dis
0335 (45172) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
W 9:00am-9:50am (ZOP 1228) Dis
0336 (45173) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
W 2:00pm-2:50pm (ZOP 1124) Dis
0337 (45174) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
F 9:00am-9:50am (ZOP 1124) Dis
0338 (45175) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
F 10:00am-10:50am (ZOP 1124) Dis
0339 (45176) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
F 11:00am-11:50am (ZOP 1124) Dis
0340 (45177) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
F 12:00pm-12:50pm (ZOP 1124) Dis
0341 (45178) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
M 10:00am-10:50am (ZOP 1232) Dis
0342 (45179) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
M 11:00am-11:50am (ZOP 1232) Dis
0343 (45180) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
M 9:00am-9:50am (ZOP 1232) Dis
0344 (45181) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
M 12:00pm-12:50pm (ZOP 1232) Dis
0345 (45182) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
M 1:00pm-1:50pm (ZOP 1232) Dis
0346 (45183) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
M 2:00pm-2:50pm (ZOP 1232) Dis
0347 (45184) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
W 9:00am-9:50am (ZOP 1232) Dis
0348 (45185) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
W 10:00am-10:50am (ZOP 1232) Dis
0349 (45186) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
W 11:00am-11:50am (ZOP 1232) Dis

PSYC100+ Introduction to Psychology; (3) REG/P-F/AUD. CORE: SB Restricted to students in a First Year Focus Cluster or a College Park Scholars Program. Research requirement: may involve participation in research.
0110 (45196) Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
M 10:00am-10:50am (ZOP 1228) Dis
Restricted to College Park Scholars - Advocates for Children.
0111 (45197) Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
M 11:00am-11:50am (ZOP 1228) Dis
Restricted to students in a First Year Focus Cluster.
0113 (45198) Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
W 1:00pm-1:50pm (ZOP 1228) Dis
Restricted to students in a First Year Focus Cluster.
0116 (45199) Smith, B.
TuTh 9:00am-9:50am (ZOP 1240)
W 10:00am-10:50am (ZOP 1228) Dis
Restricted to College Park Scholars - Advocates for Children.
0231 (45200) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 10:00am-10:50am (ZOP 1124) Dis
Restricted to students in a First Year Focus Cluster.
0234 (45201) Durand, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 1:00pm-1:50pm (ZOP 1124) Dis
Restricted to students in a First Year Focus Cluster.
0339 (45202) Martin, J.
TuTh 3:00pm-3:50pm (ZOP 1240)
F 11:00am-11:50am (ZOP 1124) Dis
Restricted to students in a First Year Focus Cluster.

PSYC100H Introduction to Psychology; (3) REG/P-F/AUD. CORE: SB Open to Honors students only.
0101 (45212) Livesey, K.
TuTh 3:00pm-4:15pm (ZOP 2283)
0201 (45213) Livesey, K.
TuTh 12:30pm-1:45pm (ZOP 1238)

PSYC200 Statistical Methods in Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 100; and MATH 111 or MATH 140 or MATH 220.*
0101 (45223) Brittan, C.
MWF 9:00am-9:50am (ZOP 1238)
0201 (45224) Penner, M.
TuTh 11:00am-12:15pm (ZOP 1243)
F 11:00am-11:50am (ZOP 1243)
0301 (45225) Penner, M.
TuTh 2:00pm-3:15pm (ZOP 1243)
F 2:00pm-2:50pm (ZOP 1243) Dis
0401 (45226) Lange, J.
MWF 8:00am-8:50am (ZOP 1238)

PSYC221 Social Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 100.*
0110 (45236) Fyock, J.
MW 1:00pm-1:50pm (ZOP 1240)
W 2:00pm-2:50pm (ZOP 1236) Dis
0111 (45237) Fyock, J.
MW 1:00pm-1:50pm (ZOP 1240)
W 3:00pm-3:50pm (ZOP 1236) Dis
0112 (45238) Fyock, J.
MW 1:00pm-1:50pm (ZOP 1240)
Th 1:00pm-1:50pm (ZOP 1124) Dis
0113 (45239) Fyock, J.
MW 1:00pm-1:50pm (ZOP 1240)
Th 2:00pm-2:50pm (ZOP 1124) Dis
0114 (45240) Fyock, J.
MW 1:00pm-1:50pm (ZOP 1240)
Th 3:00pm-3:50pm (SYM 1308) Dis
0115 (45241) Fyock, J.
MW 1:00pm-1:50pm (ZOP 1240)
F 10:00am-10:50am (ZOP 1232) Dis
0116 (45242) Fyock, J.
MW 1:00pm-1:50pm (ZOP 1240)
F 11:00am-11:50am (ZOP 1232) Dis
0117 (45243) Fyock, J.
MW 1:00pm-1:50pm (ZOP 1240)
F 12:00pm-12:50pm (ZOP 1232) Dis
0118 (45244) Fyock, J.
MW 1:00pm-1:50pm (ZOP 1240)
F 1:00pm-1:50pm (ZOP 1232) Dis
0119 (45245) Fyock, J.
MW 1:00pm-1:50pm (ZOP 1240)
F 2:00pm-2:50pm (ZOP 1232) Dis

PSYC301 Biological Basis of Behavior; (3) REG/P-F/AUD. *Prerequisites: BIOL 105 and PSYC 100.* Priority registration will be given to Psychology majors and to students in other majors that specifically require/recommend PSYC 301.
0101 (45255) Yager, D.
MWF 8:00am-8:50am (ZOP 1250)

PSYC309 Special Topics in Psychology; (3) REG/P-F/AUD. Prerequisite: PSYC 200. Restricted to PSYC majors (20010) who have completed more than 85 credits.
0101 (45265) Stangor, C.
MW 1:00pm-1:50pm (ZOP 1250)
Th 2:00pm-2:50pm (ZOP 1234) Dis
0102 (45266) Stangor, C.
MW 1:00pm-1:50pm (ZOP 1250)
F 9:00am-9:50am (ZOP 1234) Dis
0103 (45267) Stangor, C.
MW 1:00pm-1:50pm (ZOP 1250)
F 10:00am-10:50am (ZOP 1234) Dis
0104 (45268) Stangor, C.
MW 1:00pm-1:50pm (ZOP 1250)
F 11:00am-11:50am (ZOP 1234) Dis
0105 (45269) Stangor, C.
MW 1:00pm-1:50pm (ZOP 1250)
F 12:00pm-12:50pm (ZOP 1236) Dis
0106 (45270) Stangor, C.
MW 1:00pm-1:50pm (ZOP 1250)
F 1:00pm-1:50pm (ZOP 1236) Dis
0107 (45271) Stangor, C.
MW 1:00pm-1:50pm (ZOP 1250)
F 2:00pm-2:50pm (ZOP 1236) Dis
0108 (45272) Stangor, C.
MW 1:00pm-1:50pm (ZOP 1250)
F 3:00pm-3:50pm (ZOP 1236) Dis
0109 (45273) Stangor, C.
MW 1:00pm-1:50pm (ZOP 1250)
Th 1:00pm-1:50pm (ZOP 1234) Dis
0110 (45274) Stangor, C.
MW 1:00pm-1:50pm (ZOP 1250)
F 12:00pm-12:50pm (ZOP 1234) Dis
0111 (45275) Stangor, C.
MW 1:00pm-1:50pm (ZOP 1250)
F 1:00pm-1:50pm (ZOP 1234) Dis
0112 (45276) Stangor, C.
MW 1:00pm-1:50pm (ZOP 1250)
F 2:00pm-2:50pm (ZOP 1234) Dis

PSYC310 Perception; (3) REG/P-F/AUD. *Prerequisite: PSYC 100 or permission of department. Not open to students who have completed PSYC 410.*
0101 (45292) Sternheim, C.
TuTh 9:30am-10:45am (ZOP 1243)

PSYC334 Psychology of Interpersonal Relationships; (3) REG/P-F/AUD. *Prerequisite: PSYC 100.*
0101 (45302) Kretz, L.
TuTh 11:00am-12:15pm (ZOP 1238)

PSYC336 Psychology of Women; (3) REG/P-F/AUD. *Prerequisite: PSYC 100. Also offered as WMST 336. Credit will be granted for only one of the following: PSYC 336 or WMST 336.*
0101 (45312) Helms, J.
TuTh 2:00pm-3:15pm (ZOP 1250)

PSYC353 Adult Psychopathology; (3) REG/P-F/AUD. *Prerequisite: PSYC 100. Credit will be granted for only one of the following: PSYC 353 and PSYC 331 or PSYC 431.* Priority registration will be given to Psychology majors and to students in other majors that specifically require/recommend PSYC 353.
0101 (45322) Alexander, P.
TuTh 12:30pm-1:45pm (ZOP 1243)

PSYC355 Child Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 100. Not open to students who have completed PSYC 333 or PSYC 433.* Priority registration will be given to Psychology majors and to students in other majors that specifically require/recommend PSYC 355.
0101 (45333) STAFF
MWF 9:00am-9:50am (ZOP 1250)

PSYC361 Survey of Industrial and Organizational Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 100.* Priority registration will be given to Psychology majors and to students in other majors that specifically require/recommend PSYC 361.
0101 (45343) Gelfand, M.
MW 8:30am-9:45am (MMH 1400)

PSYC386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*
0101 (45353) Coursey, R.
W 4:00pm-6:00pm (ZOP 2109)

PSYC402 Physiological Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 206 or PSYC 301. Credit will be granted for only one of the following: ZOOL 323 or PSYC 402.* Restricted to PSYC majors (20010) only.
0101 (45363) STAFF
MW 11:00am-12:15pm (ZOP 2109)

PSYC404 Introduction to Behavioral Pharmacology; (3) REG/P-F/AUD. *Prerequisites: PSYC 200 and {PSYC 206 or PSYC 301 or PSYC 400}.* Restricted to PSYC majors (20010) only.
0101 (45373) Hall, F.
TuTh 3:30pm-4:45pm (ZOP 1234)

PSYC410 Experimental Psychology: Sensory Processes I; (4) REG/P-F/AUD. *Prerequisites: PSYC 200; and completion of the English, math and science supporting course sequence; and permission of department. A student who has completed PSYC 310 must have permission of the instructor in order to register for PSYC 410.* All others must obtain permission in ZOP 1107. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. Restricted to PSYC majors (20010) who have completed more than 75 credits.
0101 (45383) Larkin, W.
TuTh 9:30am-10:45am (ZOP 2283)
F 10:00am-12:00pm (ZOP 0124) Lab
0102 (45384) Larkin, W.
TuTh 9:30am-10:45am (ZOP 2283)
F 2:00pm-4:00pm (ZOP 0124) Lab
0103 (45385) Larkin, W.
TuTh 9:30am-10:45am (ZOP 2283)
Th 2:30pm-4:30pm (ZOP 0124) Lab

PSYC415 History of Psychology; (3) REG/P-F/AUD. *Prerequisite: twelve credits in psychology including PSYC 200 or permission of department.* Restricted to PSYC majors (20010) only.
0101 (45395) Larkin, W.
TuTh 12:30pm-1:45pm (ZOP 2283)

PSYC420 Experimental Psychology: Social Processes I; (4) REG/P-F/AUD. *Prerequisite: PSYC 200; and PSYC 221; and completion of the departmentally required English, math, and science supporting course sequence; and permission of department.* Permission may be obtained in ZOP 1107. Department approval is required after first week of classes. Waitlist is discontinued after first week of classes. Restricted to PSYC majors (20010) who have completed 75 credits.
0101 (45405) Fyock, J.
M 11:00am-1:00pm (ZOP 1243)
TuTh 10:00am-12:00pm (ZOP 0147) Lab
0102 (45406) Fyock, J.
M 11:00am-1:00pm (ZOP 1243)
TuTh 12:00pm-2:00pm (ZOP 0147) Lab
0103 (45407) Fyock, J.
M 11:00am-1:00pm (ZOP 1243)
TuTh 2:00pm-4:00pm (ZOP 0147) Lab
0104 (45408) Fyock, J.
M 11:00am-1:00pm (ZOP 1243)
WF 10:00am-12:00pm (ZOP 0147) Lab
0105 (45409) Fyock, J.
M 11:00am-1:00pm (ZOP 1243)
WF 12:00pm-2:00pm (ZOP 0147) Lab
0106 (45410) Fyock, J.
M 11:00am-1:00pm (ZOP 1243)
WF 2:00pm-4:00pm (ZOP 0147) Lab

PSYC424 Communication and Persuasion; (3) REG/P-F/AUD. *Prerequisites: PSYC 200; and PSYC 221.* Restricted to PSYC majors (20010) only.
0101 (45420) Mills, J.
TuTh 11:00am-12:15pm (ZOP 2283)

PSYC432 Introduction to Counseling Psychology; (3) REG/P-F/AUD. *Prerequisite: nine hours in psychology including PSYC 200.* Restricted to PSYC majors (20010) only.
0101 (45430) Gelso, C.
MWF 11:00am-11:50am (ZOP 1236)

PSYC433 Analysis of Helping Relationships; (3) REG. *Prerequisites: PSYC 200; {and PSYC 235 or PSYC 334 or PSYC 435 or PSYC 432}.* Restricted to PSYC majors (20010) only.
0101 (45440) O'Brien, K.
TuTh 3:30pm-4:45pm (ZOP 1238)

PSYC436 Introduction to Clinical Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 200 or equivalent.* Restricted to PSYC majors (20010) only.
0101 (45450) STAFF
TuTh 11:00am-12:15pm (ZOP 1232)

PSYC440 Experimental Psychology: Cognitive Processes; (4) REG/P-F/AUD. *Prerequisites: PSYC 100; and PSYC 200 or a statistics course from an approved departmental list; and completion of the departmentally required English, math and science supporting course sequence; and permission of department.* Restricted to PSYC majors (20010) who have completed 75 credits.
0101 (45460) Alonso, D.
TuTh 2:00pm-3:15pm (CSS 1410)
M 1:00pm-3:00pm (ZOP 0124) Lab
Time and room to be arranged Dis
0102 (45461) Alonso, D.
TuTh 2:00pm-3:15pm (CSS 1410)
W 10:00am-12:00pm (ZOP 0124) Lab
Time and room to be arranged Dis
0103 (45462) Alonso, D.
TuTh 2:00pm-3:15pm (CSS 1410)
W 1:00pm-3:00pm (ZOP 0124) Lab

PSYC450 Field Research in Organizational Psychology; (4) REG/P-F/AUD. *Prerequisites: PSYC 100, PSYC 200 and completion of required English, math, science sequence. Recommended: PSYC 361. For PSYC majors only.* Restricted to PSYC majors (20010) who have completed 75 credits.
0101 (45472) Klein, K.
MW 1:30pm-3:30pm (ZOP 2283)

PSYC463 Psychology of Motivation and Attitudes in Organizational Settings; (3) REG/P-F/AUD. *Prerequisites: PSYC 200 and PSYC 361.* Restricted to PSYC majors (20010) only.
0101 (45482) Schoenberger, S.
MWF 10:00am-10:50am (ZOP 2109)

PSYC466 Environmental and Ecological Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 200.* Restricted to PSYC majors (20010) only.
0101 (45492) Trickett, E.
TuTh 11:00am-12:15pm (ZOP 2109)

PSYC469H Honors Thesis Proposal Preparation; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Restricted to PSYC majors (20010) only.

PSYC478 Independent Study in Psychology; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Information about independent study may be obtained in ZOP 1107. Restricted to PSYC majors (20010) only.

PSYC479 Special Research Problems in Psychology; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Information about research credit may be obtained in ZOP 1107. Restricted to PSYC majors (20010) only.

PSYC498H Advanced Psychology II (Honors); (3) REG/P-F/AUD. Restricted to PSYC majors (20010) only.
0101 (45640) Hill, C.
TuTh 9:30am-10:45am (ZOP 1234)

PSYC499H Honors Thesis Research; (3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of the thesis advisor. Permission may be obtained in ZOP 1107. Restricted to PSYC majors (20010) only. Note: For all non-psychology graduate students, written permission of the instructor is required for all 600 level and above courses.

PSYC601 Quantitative Methods I; (3) REG/AUD. *Prerequisite: PSYC 200 or equivalent.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 (45694) Norman, K.
TuTh 9:30am-10:45am (CSS 1410)
Th 4:30pm-6:00pm (ZOP 2109) Dis

PSYC604 *(PermReq)* **Fundamentals of Social Psychology; (3)** REG/AUD. *Credit will be granted for only one of the following: PSYC 604 or PSYC 640. Formerly PSYC 640.* For PSYC majors only. For all non psychology graduate students, written permission of the instructor and department is required.
0101 (45714) Sigall, H.
Tu 3:00pm-5:30pm (ZOP 3132)

PSYC606 *(PermReq)* **Human Biopsychology; (3)** REG/AUD. *Credit will be granted for only one of the following: PSYC 606 or PSYC 660 Formerly PSYC 660.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and departmen is required.
0101 (45734) Brauth, S.
TuTh 1:00pm-3:00pm (ZOP 2109)

PSYC607 Advanced Topics in Human-Learning and Cognitive Psychology; (3) REG/AUD. *Credit will be granted for only one of the following: PSYC 607 or PSYC 671. Formerly PSYC 671.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 (45744) Horton, D.
F 10:00am-12:30pm (ZOP 1103)

PSYC611 Advanced Developmental Psychology; (3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45754)** Scholnick, E.
W 9:30am-12:00pm (ZOP 1103)

PSYC711 Introduction to Counseling Psychology; (3) REG/AUD. *Prerequisite: permission of department.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45774)** Hill, C.
M 1:30pm-4:00pm (ZOP 1103)
Time and room to be arranged Dis

PSYC713 *(PermReq)* **Fundamentals of Clinical/Community Psychology; (3)** REG/AUD. *Prerequisite: permission of department.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45775)** Goodman, L.
M 9:30am-12:00pm (ZOP 2114B)

PSYC719 *(PermReq)* **Seminar in Clinical, Counseling, and Community Psychology; (3)** REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45784)** Brown, R.
Tu 1:00pm-4:00pm (ZOP 2114B)
0201 **(45785)** Smith, B.
W 2:00pm-5:00pm (ZOP 2114B)
0301 **(45786)** Alexander, P.
Tu 10:00am-12:30pm (ZOP 2114B)

PSYC721 *(PermReq)* **Assesment Issues in Clinical/Community Psychology I; (2)** REG/AUD. *Prerequisite: permission of department. Corequisite: PSYC 722.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45796)** STAFF
M 9:00am-12:00pm (ZOP 2114B)
0201 **(45797)** Helms, J.
M 2:00pm-5:00pm (ZOP 1112)

PSYC722 *(PermReq)* **Assesment Issues in Clinical/Community Psychology I; (2)** REG/AUD. *Prerequisite: permission of department. Corequisite: PSYC 721.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45807)** O'Brien, K.
W 1:00pm-4:00pm (ZOP 2109)

PSYC728 Introductory Didactic-Practicum in Psychological Intervention; (3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0201 **(45828)** Coursey, R.
Time and room to be arranged

PSYC729 *(PermReq)* **Advanced Didactic-Practicum in Psychological Intervention; (3)** REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45839)** Gelso, C.
W 1:00pm-4:00pm (ZOP 2114B)
0201 **(45840)** O'Brien, K.
M 2:00pm-4:00pm (ZOP 2143)
W 1:00pm-4:00pm (ZOP 2143)

PSYC730 Introduction to Industrial and Organizational Psychology; (3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45842)** Klein, K.
M 9:30am-12:00pm (ZOP 1103)

PSYC732 Selection and Classification Issues in Organizations; (3) REG/AUD. *Prerequisite: PSYC 730, and PSYC 601 and PSYC 602 or equivalent, or permission of department.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45843)** Hanges, P.
W 12:00pm-2:30pm (ZOP 1103)

PSYC742 Group Processes; (3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45862)** Stangor, C.
W 9:30am-12:00pm (ZOP 3132)

PSYC748 *(PermReq)* **Seminar in Social Psychology; (3)** REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45872)** Kruglanski, A.
W 4:00pm-6:30pm (ZOP 3132)

PSYC749 Current Research in Social Psychology; (1-3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45882)** Sigall, H.
M 2:00pm-4:30pm (ZOP 3132)

PSYC762 *(PermReq)* **Comparative Psychology; (3)** REG/AUD. *Prerequisite: PSYC 661.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45892)** Dooling, R.
Th 2:00pm-4:30pm (ZOP 1103)

PSYC789 Special Research Problems; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.

PSYC798 Graduate Seminar; (2) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45949)** Yager, D.
W 9:30am-12:00pm (ZOP 1112)
Time and room to be arranged Dis

PSYC799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.

PSYC818 Research Issues in Personality Or Development; (3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and dept. is required.
0101 **(46007)** Trickett, E.
Th 2:00pm-5:00pm (ZOP 1112)

PSYC819 Seminar in Personality and Development; (3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(46017)** Cassidy, J.
Tu 2:30pm-5:30pm (ZOP 1112)

PSYC888 Research Methods in Psychology; (1-3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(46027)** Horton, D.
W 3:00pm-4:30pm (ZOP 1103)
0201 **(46028)** Gelfand, M.
M 4:00pm-5:30pm (ZOP 1103)
0301 **(46029)** Hodos, W.
Th 9:30am-12:00pm (ZOP 1112)
Section 0301 is on animal intelligence.

PSYC889 Research Methods in Psychology; (3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(46030)** Nelson, T.
Th 11:00am-1:30pm (ZOP 1103)

PSYC899 Doctoral Dissertation Research; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.

PUAF Public Affairs
(Public Affairs)

PUAF610 Quantitative Methods in Policy Analysis; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46145)** Fetter, S.
MW 10:40am-11:55am (VMH 1206)
Time and room to be arranged Dis
0201 **(46146)** Fetter, S.
W 7:00pm-9:45pm (VMH 1206)
Time and room to be arranged Dis

PUAF620 Political Analysis; (3) REG/AUD. *For PUAF majors only or permission of department.*
0201 **(46157)** Nacht, M.
W 4:15pm-6:45pm (VMH 1107)
0401 **(46158)** Nacht, M.
Tu 9:15am-11:45am (VMH 1107)

PUAF640 Microeconomic Theory and Policy Analysis; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46170)** STAFF
MW 9:15am-10:30am (VMH 1206)
0301 **(46171)** STAFF
Tu 7:00pm-9:30pm (VMH 1206)

PUAF650 Normative Analysis; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46182)** Crocker, D.
Tu 4:15pm-6:30pm (VMH 1107)
0201 **(46183)** Brown, P.
Th 9:15am-11:45am (VMH 1107)

PUAF698A Selected Topics in Public Affairs: Strategic Thinking in Public Organizations; (3) REG/AUD.
0101 **(46185)** Fallon, D.
Tu 1:30pm-4:00pm (VMH 1109)

PUAF698C Selected Topics in Public Affairs: The U.S. and the Challenge of China; (3) REG/AUD. For PUAF majors only or permission of department.
0101 **(46206)** Schwab, S.
Th 1:50pm-4:00pm (VMH 1109)

PUAF698K Selected Topics in Public Affairs: Motivation in Public Affairs; (3) REG/AUD.
0101 **(46255)** Brown, P.
M 1:30pm-4:00pm (VMH 1107)

PUAF698S Selected Topics in Public Affairs: Welfare Reform; (3) REG/AUD.
0101 **(46325)** Besharov, D.
W 4:15pm-6:45pm (VMH 1109)

PUAF698T Selected Topics in Public Affairs: The Purposes of the University; (3) REG/AUD.
0101 **(46326)** Fallon, D.
M 7:00pm-9:30pm (VMH 1107)

PUAF698U Selected Topics in Public Affairs: Dynamic Modeling of Ecological and Economic Systems; (3) REG/AUD.
0101 **(46345)** Costanza, R.
F 2:00pm-5:00pm (SKN 0101)

PUAF698V Selected Topics in Public Affairs: Managing Social Services; (3) REG.
0101 **(46355)** Broadnax, W.
M 4:15pm-6:45pm (VMH 1109)

PUAF698W Selected Topics in Public Affairs: Land Use and the Environment; (3) REG/AUD. For PUAF majors only or permission of department.
0101 **(46365)** STAFF
Th 7:00pm-9:30pm (VMH 1107)

PUAF698X Selected Topics in Public Affairs: Entitlement Programs; (3) REG/AUD.
0101 **(46559)** Galston, W.
Th 1:30pm-4:00pm (VMH 1107)

PUAF700 U.S. Trade: Policy and Politics; (3) REG/AUD. *Prerequisites: {PUAF 620; and PUAF 640; and PUAF 641}. For PUAF majors only or permission of department.*
0101 **(46560)** Destler, I.
M 4:15pm-6:45pm (VMH 1107)

PUAF706 Public Policymaking for Journalists; (3) REG/AUD. *Prerequisites: JOUR 462 and JOUR 728. For JOUR majors only.*
0101 **(46366)** STAFF
M 1:00pm-4:00pm (VMH 1109)

PUAF715 Government and Non-Profit Accounting; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46395)** Fettus, S.
Tu 4:15pm-6:45pm (VMH 1109)

PUAF716 State and Local Government Budgeting; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46405)** Brown, M.
Tu 7:00pm-9:30pm (VMH 1107)

PUAF720 United States National Security Policy after the Cold War; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46415)** Daalder, I.
Th 4:15pm-6:45pm (VMH 1107)

PUAF741 Global Environmental Problems; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46437)** Fetter, S.
Th 4:15pm-6:45pm (VMH 1206)

PUAF744 Environment and Development; (3) REG/AUD.
0101 **(46438)** Daly, H.
Tu 4:15pm-6:45pm (VMH 1206)

PUAF745 Human Health and Environmental Policy; (3) REG/AUD.
0101 **(46439)** Sprinkle, R.
Tu 1:30pm-4:00pm (VMH 1107)

PUAF781 International Economic Policy; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46488)** Reinhart, C.
W 4:15pm-6:45pm (VMH 1206)

PUAF790 Project Course; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46497)** Daalder, I.
Th 12:05pm-1:25pm (VMH 1107)
0201 **(46498)** Reuter, P.
M 12:05pm-1:25pm (VMH 1107)
0301 **(46499)** Rogers, J.
Tu 12:05pm-1:20pm (VMH 1107)
0401 **(46500)** Brown, P.
W 12:05pm-1:25pm (VMH 1107)

PUAF792 Strategy and Policy; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46501)** Turner, S.
M 9:15am-11:45am (VMH 1107)

PUAF798B Readings in Public Policy; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PUAF899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

RUSS Russian
(Arts and Humanities)

RUSS101 Elementary Russian I; (5) REG/P-F/AUD. *Not open to native speakers of Russian.* Course chairman: C. Martin.
0101 **(46608)** Martin, C.
MWF 11:00am-11:50am (JMZ 1109)
TuTh 11:00am-12:15pm (JMZ 0122)
0201 **(46609)** Martin, C.
MWF 12:00pm-12:50pm (JMZ 0122)
TuTh 12:30pm-1:45pm (JMZ 0122)

RUSS201 Intermediate Russian I; (4) REG/P-F/AUD. *Prerequisite: RUSS 102. Not open to native speakers of Russian.* Course chairman: K. Gor.
0101 **(46619)** Gor, K.
MWF 11:00am-11:50am (JMZ 2102)
TuTh 11:00am-11:50am (JMZ 2102)
0201 **(46620)** Gor, K.
MWF 1:00pm-1:50pm (JMZ 2102)
TuTh 1:00pm-1:50pm (JMZ 2102)

RUSS221 Masterworks of Russian Literature I; (3) REG/P-F/AUD. CORE: HL.
0101 **(46630)** Lekic, M.
TuTh 2:00pm-3:15pm (JMZ 1120)

RUSS282 Contemporary Russian Culture; (3) REG/P-F/AUD. CORE: HO DIVERSITY
0101 **(46640)** Martin, C.
TuTh 9:30am-10:45am (JMZ 3205)

RUSS301 Advanced Russian I; (3) REG/AUD. *Prerequisite: RUSS 202 or equivalent.*
0101 **(46650)** STAFF
MWF 10:00am-10:50am (JMZ 1124)
0201 **(46651)** STAFF
MWF 10:00am-10:50am (JMZ 1123)

RUSS303 Russian Conversation: Functional Skills; (3) REG/P-F/AUD. *Prerequisite: RUSS 202 or equivalent.*
0101 **(46661)** STAFF
TuTh 11:00am-12:15pm (JMZ 3118)

RUSS321 Survey of Russian Literature I; (3) REG/P-F/AUD. *Prerequisite: RUSS 202 or equivalent.*
0101 **(46662)** STAFF
MWF 3:00pm-3:50pm (JMZ 3203)

RUSS381 Russian Civilization (in Russian) I; (3) REG/P-F/AUD. *Prerequisite: RUSS 202.*
0101 **(46671)** Hitchcock, D.
TuTh 12:30pm-1:45pm (JMZ 2123)

RUSS386 *(PermReq)* **Experiential Learning; (3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

RUSS401 Advanced Russian Composition; (3) REG/P-F/AUD. *Prerequisite: RUSS 302.*
0101 **(46686)** Gor, K.
MWF 11:00am-11:50am (JMZ 1103)

RUSS403 Russian Conversation: Advanced Skills; (3) REG/P-F/AUD. *Prerequisite: RUSS 303 or equivalent.*
0101 **(46696)** STAFF
MWF 2:00pm-2:50pm (JMZ 1103)

RUSS405 Russian-English Translation I; (3) REG/P-F/AUD. *Pre- or corequisite: RUSS 302 or equivalent.*
0101 **(46706)** Hitchcock, D.
TuTh 11:00am-12:15pm (JMZ 1211)

RUSS409 *(PermReq)* **Selected Topics in Russian Language Study: History of Russian Television; (3)** REG/P-F/AUD.
0101 **(46716)** STAFF
TuTh 12:30pm-1:45pm (JMZ 1109)

RUSS611 Problems in Russian Phonology and Morphology; (3) REG/AUD. *Prerequisite: RUSS 411 or permission of department. Corequisite: RUSS 610.*
0101 **(46736)** Brecht, R.
M 5:00pm-7:30pm (JMZ 3203)

RUSS612 Problems in Russian Syntax; (3) REG/AUD. *Prerequisite: RUSS 412 or permission of department.*
0101 **(46746)** Lekic, M.
Tu 4:00pm-6:30pm (JMZ 2102)

RUSS619 Seminar in Linguistic Analysis of Russian; (3) REG/AUD.
0101 **(46756)** Martin, C.
Time and room to be arranged

RUSS798 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
0101- Staff: 0201- Brecht, Richard: 0301- Staff: 0401- Hitchcock, Donald: 0501- Lekic, Maria: 0601- Martin, Cynthia, 0701- Gor, Kira.

RUSS798S Independent Study: Research in Second Language Learning; (1-3) REG/AUD.
0101 **(46771)** Gor, K.
Tu 4:00pm-6:30pm (JMZ 3203)

RUSS799 Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

SLAV Slavic
(Arts and Humanities)

SLAV499 Directed Study; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SOCY Sociology
(Behavioral and Social Sciences)

SOCY100 Introduction to Sociology; (3) REG/P-F/AUD. CORE: SB
Prerequisite for other sociology courses.
0101 **(46889)** Durrant, V.
TuTh 11:00am-12:15pm (ASY 1213)
0201 **(46890)** Hunt, L.
MWF 2:00pm-2:50pm (ASY 2309)
0301 **(46891)** Pan, J.
TuTh 12:30pm-1:45pm (ASY 2203)
0401 **(46892)** Hunt, L.
MWF 11:00am-11:50am (ASY 1213)
0501 **(46893)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 8:00am-8:50am (ASY 3221) Lab
0502 **(46894)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 9:00am-9:50am (ASY 3221) Lab
0503 **(46895)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 11:00am-11:50am (ASY 3221) Lab
0504 **(46896)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 12:00pm-12:50pm (ASY 3221) Lab
0505 **(46897)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 1:00pm-1:50pm (ASY 3221) Dis
0506 **(46898)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 2:00pm-2:50pm (ASY 3221) Dis
0507 **(46899)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 11:00am-11:50am (ASY 3211) Dis
0508 **(46900)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 12:00pm-12:50pm (ASY 3215) Dis
0509 **(46901)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 2:00pm-2:50pm (ASY 3215) Dis
0601 **(46902)** Pease, J.
MW 12:00pm-12:50pm (ASY 2203)
Th 8:00am-8:50am (EGR 0108) Dis
0602 **(46903)** Pease, J.
MW 12:00pm-12:50pm (ASY 2203)
Th 9:00am-9:50am (JMP 3105) Dis
0603 **(46904)** Pease, J.
MW 12:00pm-12:50pm (ASY 2203)
Th 10:00am-10:50am (EGR 3102) Dis
0604 **(46905)** Pease, J.
MW 12:00pm-12:50pm (ASY 2203)
Th 11:00am-11:50am (EGR 3102) Dis
0605 **(46906)** Pease, J.
MW 12:00pm-12:50pm (ASY 2203)
Th 12:00pm-12:50pm (EGR 3114) Dis
0606 **(46907)** Pease, J.
MW 12:00pm-12:50pm (ASY 2203)
Th 1:00pm-1:50pm (EGR 3114) Dis
0607 **(46908)** Pease, J.
MW 12:00pm-12:50pm (ASY 2203)
Th 2:00pm-2:50pm (JMZ 0208) Dis
0608 **(46909)** Pease, J.
MW 12:00pm-12:50pm (ASY 2203)
Th 11:00am-11:50am (EGR 2112) Dis
0609 **(46910)** Pease, J.
MW 12:00pm-12:50pm (ASY 2203)
Th 1:00pm-1:50pm (EGR 3102) Dis
0701 **(46911)** Johnson, T.
MWF 10:00am-10:50am (ASY 1213)

SOCY100+ Introduction to Sociology; (3) REG/P-F/AUD. CORE: SB Restricted to students in a First Year Focus Cluster or College Park Scholars - Advocates for Children.
0201 **(46920)** Hunt, L.
MWF 2:00pm-2:50pm (ASY 2309)
Restricted to College Park Scholars - Advocates for Children.

0503 **(46921)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 11:00am-11:50am (ASY 3221) Lab
Restricted to students in a First Year Focus Cluster.

SOCY100H Introduction to Sociology; (3) REG/P-F/AUD. CORE: SB For general honors students only.
0101 **(46931)** Kestnbaum, M.
TuTh 11:00am-12:15pm (TWS 2228)

SOCY105 Introduction to Contemporary Social Problems; (3) REG/P-F/AUD. CORE: SB
0101 **(46941)** Hunt, J.
TuTh 2:00pm-2:50pm (ASY 2203)
F 9:00am-9:50am (COL 3111) Dis
0103 **(46942)** Hunt, J.
TuTh 2:00pm-2:50pm (ASY 2203)
F 11:00am-11:50am (COL 3112) Dis
0104 **(46943)** Hunt, J.
TuTh 2:00pm-2:50pm (ASY 2203)
F 12:00pm-12:50pm (COL 3112) Dis
0106 **(46944)** Hunt, J.
TuTh 2:00pm-2:50pm (ASY 2203)
F 2:00pm-2:50pm (COL 3112) Dis
0107 **(46945)** Hunt, J.
TuTh 2:00pm-2:50pm (ASY 2203)
F 11:00am-11:50am (ARC 1103) Dis
0108 **(46946)** Hunt, J.
TuTh 2:00pm-2:50pm (ASY 2203)
F 12:00pm-12:50pm (COL 3114) Dis
0109 **(46947)** Hunt, J.
TuTh 2:00pm-2:50pm (ASY 2203)
F 1:00pm-1:50pm (COL 3111) Dis
0201 **(46948)** Zamani-Moghadam, L.
TuTh 11:00am-12:15pm (ASY 3207)
0301 **(46949)** Finsterbusch, K.
TuTh 9:30am-10:45am (ASY 1213)
0401 **(46950)** Shiw Parsad, B.
MWF 12:00pm-12:50pm (ASY 2309)

SOCY105+ Introduction to Contemporary Social Problems; (3) REG/P-F/AUD. CORE: SB Restricted to students in a First Year Focus Cluster or College Park Scholars - Advocates for Children.
0102 **(46959)** Hunt, J.
TuTh 2:00pm-2:50pm (ASY 2203)
F 10:00am-10:50am (ARC 1121) Dis
Restricted to College Park Scholars - Advocates for Children.

0105 **(46960)** Hunt, J.
TuTh 2:00pm-2:50pm (ASY 2203)
F 1:00pm-1:50pm (COL 3112) Dis
Restricted to students in a First Year Focus Cluster.

SOCY201 Introductory Statistics for Sociology; (4) REG/P-F/AUD. *Prerequisite: SOCY 100 and MATH 111 or equivalent. Not open to students who have completed BMGT 231, ENEE 324, or STAT 400. Credit will be granted for only one of the following: AREC 484, BIOM 301, BMGT 230, CNEC 400, ECON 321, EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URSP 350, or TEXT 400.* Required for majors.
0101 **(46970)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
W 8:00am-9:50am (EDU 0206) Lab
0102 **(46971)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
W 10:00am-11:50am (EDU 0206) Lab
0103 **(46972)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
W 1:00pm-2:50pm (ASY 3217) Lab
0104 **(46973)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
M 8:00am-9:50am (ASY 3203) Lab
0105 **(46974)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
M 10:00am-11:50am (TWS 0138) Lab

SOCY202 Introduction to Research Methods in Sociology; (4) REG/P-F/AUD. *Prerequisite: SOCY 201.* To be taken immediately after SOCY 201. Required for majors.
0101 **(46984)** Harper, G.
MWF 1:00pm-1:50pm (ASY 2203)
F 8:00am-9:50am (ASY 3217) Lab
0102 **(46985)** Harper, G.
MWF 1:00pm-1:50pm (ASY 2203)
F 10:00am-11:50am (ASY 3217) Lab
0201 **(46988)** Milkie, M.
TuTh 12:30pm-1:45pm (ASY 2309)
Th 8:00am-9:50am (ASY 3217) Lab
0202 **(46989)** Milkie, M.
TuTh 12:30pm-1:45pm (ASY 2309)
Th 10:00am-11:50am (ASY 3217) Lab

SOCY203 Sociological Theory; (3) REG/P-F/AUD. *Prerequisite: SOCY 100.* Required for sociology majors.
0101 **(46997)** Ritzer, G.
MW 2:00pm-3:15pm (ASY 1213)

SOCY227 Introduction to the Study of Deviance; (3) REG/P-F/AUD. CORE: SB *Credit will be granted for only one of the following: SOCY 227 or SOCY 327. Formerly SOCY 327.*
0101 **(47007)** Baxter, S.
MWF 11:00am-11:50am (ASY 3203)
0201 **(47008)** Goodman, D.
MWF 1:00pm-1:50pm (ASY 3203)

SOCY230 Sociological Social Psychology; (3) REG/P-F/AUD.
0101 **(47018)** Milkie, M.
TuTh 9:30am-10:45am (ASY 3203)

SOCY241 Inequality in American Society; (3) REG/P-F/AUD. DIVERSITY *Credit will be granted for only one of the following: SOCY 241 or SOCY 341. Formerly SOCY 341.*
0101 **(47028)** Moran, T.
MWF 12:00pm-12:50pm (ASY 3207)

SOCY305 Scarcity and Modern Society; (3) REG/P-F/AUD. *Prerequisite: 3 credits of sociology.*
0101 **(47038)** Finsterbusch, K.
TuTh 12:30pm-1:45pm (ASY 1213)

SOCY325 The Sociology of Gender; (3) REG/AUD. DIVERSITY *Prerequisite: 3 credits of sociology. Also offered as WMST 325. Credit will be granted for only one of the following: SOCY 325 or WMST 325.*
0101 **(47048)** Malhotra, A.
TuTh 11:00am-12:15pm (ASY 3203)
0201 **(47049)** Malhotra, A.
TuTh 2:00pm-3:15pm (ASY 3203)
0301 **(47050)** Hunt, J.
TuTh 9:30am-10:45am (ASY 3207)

SOCY380 *(PermReq)* **Honors Independent Reading in Sociology; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. Formerly SOCY 378.*

SOCY381 *(PermReq)* **Honors Independent Research in Sociology; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: SOCY 380. Formerly SOCY 388.*

SOCY383 *(PermReq)* **Honors Thesis Research; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: SOCY 381. Formerly SOCY 389.*

SOCY386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* To register, students must have departmental permission form signed by instructor and by Coordinator of Sociology Undergraduate Program.

SOCY398C Special Topics in Sociology: Introduction to Computer for Social Science Majors: SAS; (1) REG/AUD.
0101 **(47093)** Neustadtl, A.
Tu 2:00pm-3:30pm (ASY 1120)

SOCY399 *(PermReq)* **Independent Study in Sociology; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. No more than 6 hours of 399 is allowed for credit.

SOCY403 Intermediate Sociological Theory; (3) REG/P-F/AUD. *Prerequisite: SOCY 203 or permission of department.*
0101 **(47133)** Brown, R.
TuTh 12:30pm-1:45pm (ASY 3221)

SOCY404 Methods of Quantitative Analysis; (4) REG/P-F/AUD. *Prerequisite: (SOCY 202 or equivalent) or permission of department.*
0101 **(47143)** Meeker, B.
TuTh 12:30pm-1:45pm (ASY 3217)
Th 2:00pm-3:50pm (ASY 1120) Lab

SOCY410 Social Demography; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department.*
0101 **(47153)** STAFF
TuTh 2:00pm-3:15pm (ASY 3207)

SOCY412 Family Demography; (3) REG/P-F/AUD. *Prerequisite: SOCY 410. Formerly SOCY 312.*
0101 **(47163)** Kahn, J.
TuTh 2:00pm-3:15pm (ASY 3221)

SOCY424 Sociology of Race Relations; (3) REG/P-F/AUD. *Prerequisite: 6 credits in sociology or permission of department.*
0101 **(47173)** Dance, L.
TuTh 12:30pm-1:45pm (ASY 3203)
0201 **(47174)** Dance, L.
TuTh 3:30pm-4:45pm (ASY 3203)

SOCY441 Social Stratification and Inequality; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department. 56 semester hours. Junior standing. Credit will be granted for only one of the following: SOCY 241 or SOCY 441.*
0101 **(47183)** Vanneman, R.
TuTh 11:00am-12:15pm (ASY 3221)
0201 **(47184)** Pease, J.
MW 3:00pm-4:15pm (ASY 3203)
0301 **(47185)** Landry, L.
MWF 11:00am-11:50am (ASY 3207)

SOCY443 The Family and Society; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department.*
0101 **(47195)** Harper, G.
MWF 10:00am-10:50am (ASY 3203)

SOCY447 Small Group Analysis; (3) REG/P-F/AUD. *Prerequisite: SOCY 201 or equivalent or permission of department.*
0101 **(47205)** Meeker, B.
TuTh 9:30am-10:45am (ASY 3221)

SOCY464 Military Sociology; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department.*
0101 **(47215)** Segal, D.
TuTh 2:00pm-3:15pm (ASY 2309)

SOCY465 The Sociology of War; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department.*
0101 **(47225)** Kestnbaum, M.
TuTh 3:30pm-4:45pm (ASY 1213)

SOCY498B Selected Topics in Sociology: Time, Work, and Leisure; (3) REG/P-F/AUD.
0101 **(47235)** Robinson, J.
M 3:00pm-5:40pm (ASY 3207)

SOCY498D Selected Topics in Sociology: Sociology of Children; (3) REG/P-F/AUD.
0101 **(47245)** Bianchi, S.
TuTh 12:30pm-1:45pm (ASY 3207)

SOCY498G Selected Topics in Sociology: The Homeless; (3) REG/P-F/AUD.
0101 **(47265)** Vanneman, R.
MW 2:00pm-3:15pm (ASY 3221)

SOCY498L Selected Topics in Sociology: Social Change in Latin America; (3) REG/P-F/AUD.
0101 **(47276)** Korzeniewicz, R.
TuTh 9:30am-10:45am (JMZ 0220)

SOCY601 Multivariate Statistics; (3) REG/AUD. *Prerequisite: SOCY 401 or equivalent.*
0101 **(47329)** Neustadtl, A.
Tu 6:30pm-9:10pm (ASY 2309)

SOCY604 Survey Research Methods; (3) REG/AUD. *Prerequisite: SOCY 602 or equivalent or permission of department.*
0101 **(47339)** Robinson, J.
W 6:30pm-9:10pm (ASY 3217)

SOCY620 Development of European and American Sociological Theory; (3) REG/AUD. *Prerequisite: SOCY 203 or permission of instructor.*
0101 **(47349)** Falk, W.
W 3:30pm-6:10pm (ASY 2115)

SOCY630 Population and Society; (3) REG/AUD.
0101 **(47359)** Desai, S.
Tu 3:30pm-6:10pm (ASY 2115)

SOCY631 Comparative Sociology; (3) REG/AUD.
0101 **(47369)** Korzeniewicz, R.
M 6:30pm-9:10pm (ASY 2115)

SOCY642 The Sociology of Mental Health; (3) REG/AUD.
0101 **(47379)** Pearlin, L.
Tu 3:30pm-6:10pm (ASY 3217)

SOCY660 Theories of Social Psychology; (3) REG/AUD. *Prerequisite: undergraduate training in sociological research methods, statistics, and theory or equivalent.*
0101 **(47389)** Hamilton, V.
Th 3:30pm-6:10pm (ASY 3217)

SOCY699 Special Social Problems; (1-16) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SOCY699C Special Social Problems: Introduction to Computer for Social Science Majors: SAS; (1) REG/AUD.
0101 **(47429)** Neustadtl, A.
Tu 2:00pm-3:30pm (ASY 1120)

SOCY699D Special Social Problems: Theorizing Gender, Race, and Class; (3) REG/AUD.
0101 **(47430)** Landry, L.
W 3:30pm-6:10pm (ASY 3217)

SOCY699G Special Social Problems: Great Books in Political Economy; (3) REG/AUD.
0101 **(47439)** Korzeniewicz, R.
Th 6:30pm-9:10pm (ASY 2115)

SOCY699L Special Social Problems: Demography of Labor Markets; (3) REG/AUD.
0101 **(47449)** Bianchi, S.
W 6:30pm-9:10pm (ASY 2115)

SOCY699M Special Social Problems: Major Theorists - Weber; (3) REG/AUD.
0101 **(47459)** Ritzer, G.
M 6:30pm-9:10pm (ASY 3217)

SOCY699N Special Social Problems: Mobilized Classes and Strong States; (3) REG/AUD.
0101 **(47469)** Hage, J.
Tu 6:30pm-9:10pm (ASY 2115)

SOCY699P Special Social Problems: Population and Family Policy; (3) REG/AUD.
0101 **(47479)** Presser, H.
M 3:30pm-6:10pm (ASY 2115)

SOCY699T Special Social Problems: Critical Theory in Sociology; (3) REG/AUD.
0101 **(47499)** Brown, R.
Th 3:30pm-6:10pm (ASY 2115)

SOCY699U Special Social Problems: Sociology Teaching Assistants Seminar; (1) REG/AUD.
0101 **(47509)** Zamani-Moghadam, L.
M 12:00pm-12:50pm (ASY 2115)

SOCY799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

SOCY819 Research Seminar in Social Psychology; (1) REG/AUD.
0101 **(47549)** Robinson, J.
Time and room to be arranged

SOCY829 Research Seminar in Sociological Theory; (1) REG/AUD.
0101 **(47559)** Brown, R.
Time and room to be arranged

SOCY839 Research Seminar in Organizations and Occupations; (1) REG/AUD.
0101 **(47569)** Hage, J.
Time and room to be arranged

SOCY849 Research Seminar in Demography; (1) REG/AUD.
0101 **(47579)** Presser, H.
Time and room to be arranged

SOCY858 Research Seminar in Sex Roles; (1) REG/AUD.
0101 **(47589)** Bianchi, S.
Time and room to be arranged

SOCY869 Research Seminar in Military Sociology; (1) REG/AUD.
0101 **(47599)** Segal, D.
Time and room to be arranged

SOCY889 Research Seminar in Social Stratification; (1) REG/AUD.
0101 **(47609)** Landry, L.
Time and room to be arranged

SOCY899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

SPAN Spanish
(Arts and Humanities)

Electronic laboratory for SPAN 101, SPAN 102, SPAN 103, SPAN 201 will be scheduled after classes start.

SPAN101 Elementary Spanish I; (4) REG/P-F/AUD. *Prerequisite: No previous Spanish: high school level 1 Spanish with grade of A or B; high school level 2 Spanish with a grade of C or below. Not open to native/fluent speakers of Spanish.* Exceptions will be granted for students with 5 years lapse in study. Students must present high school transcript on the first day of class to assure proper placement. For advising assistance, come to JMZ 2202.
0101 **(47698)** Roman, C.
MTuWF 8:00am-8:50am (JMZ 2207)
0201 **(47699)** Roman, C.
MTuWF 9:00am-9:50am (JMZ 2207)
0301 **(47700)** STAFF
MTuWF 10:00am-10:50am (JMZ 0208)
0401 **(47701)** STAFF
MTuWF 11:00am-11:50am (JMZ 0208)
0501 **(47702)** STAFF
MTuWF 12:00pm-12:50pm (JMZ 0208)
0601 **(47703)** STAFF
MTuWF 1:00pm-1:50pm (JMZ 0208)
0701 **(47704)** STAFF
MTuWF 2:00pm-2:50pm (JMZ 0208)

SPAN102 Elementary Spanish II; (4) REG/P-F/AUD. *Prerequisite: SPAN 101 at UMCP or equivalent. Not open to native/fluent speakers of Spanish.* Recommended for students who have completed Level 2 with a grade of A or B in high school or SPAN 101 at UMCP, or the first semester of college Spanish at another institution. Students must present college and/or high school transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, in JMZ 2202.
0101 **(47714)** STAFF
MWF 10:00am-10:50am (JMZ 0103)
Th 10:00am-10:50am (JMZ 0208)
0201 **(47715)** STAFF
MWF 11:00am-11:50am (JMZ 0103)
Th 11:00am-11:50am (JMZ 0208)
0301 **(47716)** STAFF
MWF 12:00pm-12:50pm (JMZ 0103)
Th 12:00pm-12:50pm (JMZ 0208)
0401 **(47717)** STAFF
MWF 1:00pm-1:50pm (JMZ 0103)
Th 1:00pm-1:50pm (JMZ 0208)

SPAN103 Review of Elementary Spanish; (4) REG/P-F/AUD. *Not open to students who have completed higher level Spanish language classes.* Recommended for students who have completed Level 2 with a grade of A or B, or Level 3 with a grade of C or below in high school, or the first semester of college Spanish at another institution. Limited exceptions may be granted for students with weak preparations or several years lapse since study in high school. Students must present high school and/or college transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, in JMZ 2202.
0101 **(47727)** STAFF
MWF 9:00am-9:50am (JMZ 0208)
Tu 9:00am-9:50am (JMZ 0208)
0201 **(47728)** STAFF
MWF 10:00am-10:50am (JMZ 0118)
Tu 10:00am-10:50am (JMZ 2207)
0301 **(47729)** STAFF
MWF 11:00am-11:50am (JMZ 0118)
Tu 11:00am-11:50am (JMZ 2207)
0401 **(47730)** STAFF
MWF 12:00pm-12:50pm (JMZ 0118)
Tu 12:00pm-12:50pm (JMZ 2207)
0501 **(47731)** STAFF
MWF 1:00pm-1:50pm (JMZ 0118)
Tu 1:00pm-1:50pm (JMZ 2207)

SPAN201 Intermediate Spanish; (4) REG/P-F/AUD. CORE: HO *Prerequisite: SPAN 102 or SPAN 103 at UMCP or high school level 3 Spanish with a grade of A or B or high school level 4 Spanish with a C or below. Not open to native/fluent speakers of Spanish. Formerly SPAN 203.*
0101 **(47741)** STAFF
MWThF 8:00am-8:50am (JMZ 0103)
0201 **(47742)** STAFF
MWThF 9:00am-9:50am (JMZ 0103)
0301 **(47743)** STAFF
MWThF 10:00am-10:50am (JMZ 2207)
0401 **(47744)** STAFF
MWThF 11:00am-11:50am (PLS 1113)
0501 **(47745)** STAFF
MWF 11:00am-11:50am (HBK 1108)
Th 11:00am-11:50am (JMZ 0120)
0601 **(47746)** STAFF
MWThF 12:00pm-12:50pm (JMZ 2207)
0701 **(47747)** STAFF
MWThF 1:00pm-1:50pm (JMZ 2207)
0801 **(47748)** STAFF
MWF 1:00pm-1:50pm (JMZ 1226)
Th 1:00pm-1:50pm (JMZ 0103)
0901 **(47749)** STAFF
MWThF 2:00pm-2:50pm (JMZ 2207)
1001 **(47750)** STAFF
MWThF 3:00pm-3:50pm (JMZ 2207)

SPAN202 Intermediate Grammar and Composition; (3) REG/P-F/AUD. CORE: HO *Prerequisite: SPAN 201 or high school level 4 or 5 with a grade of A or B or permission of department. Corequisite: SPAN 207 and/or SPAN 211. Not open to native/fluent speakers of Spanish. Formerly SPAN 204.*
0101 **(47760)** STAFF
MWF 10:00am-10:50am (PLS 1117)
0201 **(47761)** STAFF
MWF 11:00am-11:50am (JMZ 1215)
0301 **(47762)** STAFF
MWF 12:00pm-12:50pm (JMZ 1215)
0401 **(47763)** STAFF
MWF 1:00pm-1:50pm (JMZ 1215)
0501 **(47764)** STAFF
MWF 2:00pm-2:50pm (JMZ 1215)

SPAN206 Review of Oral and Written Spanish for Native Speakers Educated in the United States; (3) REG/P-F/AUD. *Prerequisite: native or near native knowledge of oral Spanish and no formal education in Spanish.* Offered fall only.
0101 **(47774)** Roman, C.
MWF 11:00am-11:50am (JMZ 2207)

SPAN207 Reading and Writing in Spanish; (3) REG/P-F/AUD. *Prerequisites: SPAN 201. Pre- or corequisite: SPAN 202, or permission of department.*
0101 **(47784)** Little, K.
MWF 10:00am-10:50am (JMZ 2206)
0201 **(47785)** Little, K.
MWF 11:00am-11:50am (JMZ 2206)

SPAN211 Intermediate Conversation; (3) REG/P-F/AUD. *Prerequisite: SPAN 201 or permission of department. Not open to native/fluent speakers of Spanish. Formerly SPAN 205.*
0101 **(47795)** STAFF
MWF 9:00am-9:50am (JMZ 2120)
0201 **(47796)** STAFF
MWF 10:00am-10:50am (JMZ 3118)
0301 **(47797)** STAFF
MWF 11:00am-11:50am (JMZ 3118)
0401 **(47798)** STAFF
MWF 12:00pm-12:50pm (JMZ 3118)

SPAN221 Introduction to Literature; (3) REG/P-F/AUD. CORE: HL *Prerequisite: Spanish high school level 5 or above or SPAN 202 or permission of department.* May be taken with SPAN 204 and/or 205.
0101 **(47808)** Sanchez, H.
MWF 11:00am-11:50am (HBK 0125)
0201 **(47809)** Sanchez, H.
MWF 1:00pm-1:50pm (JMZ 3205)

SPAN223 United States Latino Culture; (3) REG/P-F/AUD. CORE: HO DIVERSITY *45 semester hours.*
0101 **(47819)** STAFF
MWF 9:00am-9:50am (JMZ 1117)

SPAN234 Issues in Latin American Studies I; (3) REG/P-F/AUD. CORE: HO DIVERSITY *Also offered as PORT 234. Credit will be granted for only one of the following: SPAN 234 or PORT 234.*
0101 **(47829)** Peres, P.
TuTh 11:00am-12:15pm (JMZ 0118)

SPAN301 Advanced Grammar and Composition I; (3) REG/P-F/AUD. *Prerequisite: SPAN 202. Recommended: SPAN 207.*
0101 **(47839)** STAFF
MWF 9:00am-9:50am (JMZ 0118)
0201 **(47840)** STAFF
MWF 10:00am-10:50am (JMZ 1117)
0301 **(47841)** STAFF
MWF 2:00pm-2:50pm (JMZ 2123)

SPAN302 Advanced Grammar and Composition II; (3) REG/P-F/AUD. *Prerequisite: SPAN 301.*
0101 **(47851)** STAFF
MWF 12:00pm-12:50pm (JMZ 1104)
0201 **(47852)** STAFF
MWF 1:00pm-1:50pm (JMZ 1124)

SPAN311 Advanced Conversation I; (3) REG/P-F/AUD. *Prerequisite: SPAN 202 or SPAN 211 or permission of department. Not open to native/fluent speakers of Spanish.* Course chair: staff.
0101 **(47862)** STAFF
MWF 10:00am-10:50am (HBK 1116)
0201 **(47863)** STAFF
MWF 11:00am-11:50am (JMZ 1120)
0301 **(47864)** STAFF
MWF 12:00pm-12:50pm (JMZ 1120)
0401 **(47865)** STAFF
MWF 1:00pm-1:50pm (JMZ 1211)

SPAN315 Commercial Spanish I; (3) REG/P-F/AUD. *Prerequisite: SPAN 301 or permission of department.* Offered fall only.
0101 **(47875)** Lavine, R.
TuTh 11:00am-12:15pm (VMH 2203)
0201 **(47876)** STAFF
TuTh 12:30pm-1:45pm (JMZ 1224)
0301 **(47877)** STAFF
TuTh 2:00pm-3:15pm (JMZ 1224)
0401 **(47878)** STAFF
TuTh 12:30pm-1:45pm (EDU 0206)

SPAN316 *(PermReq)* **Practicum in Translation I; (3)** REG/P-F/AUD. *Prerequisite: SPAN 301 and permission of department.* Offered fall only.
0101 **(47887)** STAFF
TuTh 9:30am-10:45am (JMZ 1215)
0201 **(47888)** STAFF
TuTh 11:00am-12:15pm (JMZ 1215)
0301 **(47889)** STAFF
TuTh 12:30pm-1:45pm (JMZ 1215)
0401 **(47890)** STAFF
TuTh 2:00pm-3:15pm (JMZ 1215)

SPAN318 Translation of Technical Texts; (3) REG/P-F/AUD.
0101 **(47900)** STAFF
MWF 10:00am-10:50am (PLS 1184)

SPAN321 Survey of Spanish Literature I; (3) REG/P-F/AUD. *Prerequisite: SPAN 301 or permission of department.* Offered fall only.
0101 **(47910)** Benito-Vessels, C.
MWF 10:00am-10:50am (JMZ 0105)

SPAN323 Survey of Latin-American Literature I; (3) REG/P-F/AUD. *Prerequisite: SPAN 301 or permission of department.* Offered fall only.
0101 **(47920)** STAFF
TuTh 11:00am-12:15pm (JMZ 0103)
0201 **(47921)** Bouvier, V.
MWF 10:00am-10:50am (MCB 1207)

SPAN325 Spanish Civilization I; (3) REG/P-F/AUD. *Prerequisite: SPAN 301 or permission of department.* Offered fall only.
0101 **(47931)** Naharro-Calderon, J.
MWF 3:00pm-3:50pm (JMZ 1117)

SPAN346 Latin American Civilization I; (3) REG/P-F/AUD. *Prerequisite: SPAN 301 or permission of department.* Offered fall only.
0101 **(47941)** STAFF
TuTh 2:00pm-3:15pm (JMZ 2206)

SPAN386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*
0101 **(47951)** Little, K.
Time and room to be arranged

SPAN399 *(PermReq)* **Independent Study in Spanish; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Previous permission by the instructor is required for enrollment in this course.

SPAN408A Great Themes of the Hispanic Literatures: Golden Age of Poetry; (3) REG/P-F/AUD.
0101 **(47981)** Sanchez, H.
MWF 2:00pm-2:50pm (JMZ 1120)

SPAN408B Great Themes of the Hispanic Literatures: Literatura Femenina; (3) REG/P-F/AUD.
0101 **(47991)** Cypess, S.
TuTh 12:30pm-1:45pm (JMZ 1120)

SPAN408D Great Themes of the Hispanic Literatures: Colonial Literature; (3) REG/P-F/AUD.
0101 **(47992)** Bouvier, V.
MWF 11:00am-11:50am (PLS 1115)

SPAN448 Special Topics in Latin American Civilization: Revolucion Violencia y Nacionalismo en Mexico en siglo 20; (3) REG/P-F/AUD.
0101 **(48001)** Aguilar-Mora, J.
TuTh 3:30pm-4:45pm (JMZ 3205)

SPAN479 Honors Thesis; (3-6) REG/P-F/AUD.
0101 **(48031)** STAFF
Time and room to be arranged

SPAN495H Honors Reading; (3) REG/P-F/AUD. *Prerequisite: admittance to Spanish and Portuguese Honors or permission of department.*
0101 **(48041)** Cypess, S.
TuTh 12:30pm-1:45pm (JMZ 1120)

SPAN605 *(PermReq)* **Teaching Spanish I; (1)** REG. *Prerequisite: permission of department. For Spanish teaching assistants only.*
0101 **(48051)** Lavine, R.
M 2:00pm-4:00pm (JMZ 1224)

SPAN610 The History of the Spanish Language; (3) REG/AUD.
0101 **(48061)** Benito-Vessels, C.
Th 3:30pm-6:00pm (JMZ 2123)

SPAN698 Obras Maestras: Culturas Indigenas; (3) REG/AUD.
0101 **(48071)** Harrison, R.
W 4:30pm-7:00pm (JMZ 3118)

SPAN698A Obras Maestras: Latinoamericanas; (3) REG/AUD.
0101 **(48081)** Aguilar-Mora, J.
Th 6:15pm-8:45pm (JMZ 3203)

SPAN699 *(PermReq)* **Independent Study in Spanish; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SPAN798 Open Seminar: Interexilio; (3) REG/AUD.
0101 **(48101)** Naharro-Calderon, J.
F 4:00pm-6:30pm (JMZ 2206)

SPAN798A Open Seminar: Contemporary Latin American Theatre; (3) REG/AUD.
0101 **(48111)** Cypess, S.
Tu 4:30pm-7:00pm (JMZ 2123)

SPAN799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

SPAN899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

SPCH Speech
(Arts and Humanities)

SPCH107 Speech Communication: Principles and Practice; (3) REG/P-F. *Not open to students who have completed SPCH 100. Credit will be granted for only one of the following: SPCH 100 or SPCH 107.* This course is restricted to students in the former College of Human Ecology, College of Business and Management, College of Education, College of Journalism, College of Letters and Sciences, and students with the following major codes: 01020, 01030, 01021, 01031, 01040, 1506A, 12230, 01080, 12120, 12130, 4901Z, 00400, 0108F, 21030, 4901E, 1305F, 1306H, 1307D, and 00001. Course chairperson: Wolvin. Attendance on the first day of classes is mandatory.
0101 **(48190)** STAFF
MWF 8:00am-8:50am (TWS 0135)
0201 **(48191)** STAFF
MWF 8:00am-8:50am (TWS 0131)
0301 **(48192)** STAFF
MWF 9:00am-9:50am (TWS 2212)
0401 **(48222)** STAFF
MWF 9:00am-9:50am (TWS 0135)
0501 **(48193)** STAFF
MWF 9:00am-9:50am (SKN 1112)
0601 **(48194)** STAFF
MWF 10:00am-10:50am (TWS 0135)
0701 **(48195)** STAFF
MWF 10:00am-10:50am (TWS 0131)
0801 **(48196)** STAFF
MWF 10:00am-10:50am (KEY 0116)
1001 **(48197)** STAFF
MWF 11:00am-11:50am (TWS 2228)
1101 **(48198)** STAFF
MWF 11:00am-11:50am (TWS 2212)
1201 **(48199)** STAFF
MWF 1:00pm-1:50pm (TWS 0135)
1301 **(48200)** STAFF
MWF 1:00pm-1:50pm (TWS 0131)
1401 **(48201)** STAFF
MWF 1:00pm-1:50pm (TWS 0138)
1501 **(48202)** STAFF
MWF 2:00pm-2:50pm (TWS 0135)
1701 **(48203)** STAFF
TuTh 8:00am-9:15am (TWS 2212)
1801 **(48204)** STAFF
TuTh 8:00am-9:15am (TWS 0138)
2001 **(48205)** STAFF
TuTh 9:30am-10:45am (TWS 0131)
2101 **(48206)** STAFF
TuTh 9:30am-10:45am (TWS 0138)
2201 **(48207)** STAFF
TuTh 9:30am-10:45am (TWS 0135)
2401 **(48208)** STAFF
TuTh 11:00am-12:15pm (TWS 2212)
2501 **(48209)** STAFF
TuTh 11:00am-12:15pm (TWS 0135)
2601 **(48210)** STAFF
TuTh 1:00pm-2:15pm (TWS 0135)
2701 **(48211)** STAFF
TuTh 12:30pm-1:45pm (TWS 2228)
2801 **(48212)** STAFF
TuTh 12:30pm-1:45pm (TWS 0138)
3001 **(48213)** STAFF
TuTh 12:30pm-1:45pm (TWS 2212)
3101 **(48214)** STAFF
TuTh 2:00pm-3:15pm (TWS 2228)
3201 **(48215)** STAFF
TuTh 2:00pm-3:15pm (TWS 0131)
3301 **(48216)** STAFF
TuTh 2:00pm-3:15pm (TWS 0138)
3401 **(48217)** STAFF
MWF 9:00am-9:50am (TWS 0131)
3501 **(48218)** STAFF
MWF 10:00am-10:50am (TWS 2212)
3601 **(48219)** STAFF
MWF 9:00am-9:50am (TWS 0138)
3701 **(48220)** STAFF
MWF 9:00am-9:50am (KEY 0123)
3901 **(48221)** STAFF
TuTh 8:00am-9:15am (TWS 0147)

SPCH107+ Speech Communication: Principles and Practice; (3) REG/P-F. *Not open to students who have completed SPCH 100. Credit will be granted for only one of the following: SPCH 100 or SPCH 107.* Restricted to students in a First Year Focus Cluster or a College Park Scholars Program.
0901 **(48232)** STAFF
MWF 11:00am-11:50am (TWS 0135)
Restricted to students in a First Year Focus Cluster.
1601 **(48233)** STAFF
TuTh 8:00am-9:15am (TWS 0135)
Restricted to College Park Scholars - International Studies.
1901 **(48234)** STAFF
MWF 2:00pm-2:50pm (TWS 0131)
Restricted to students in a First Year Focus Cluster.
2301 **(48235)** STAFF
TuTh 9:30am-10:45am (EDU 2101)
Restricted to students in a First Year Focus Cluster.
2901 **(48236)** STAFF
TuTh 12:30pm-1:45pm (TWS 0131)
Restricted to College Park Scholars - Life Sciences.
3801 **(48237)** STAFF
TuTh 9:30am-10:45am (TWS 2212)
Restricted to students in a First Year Focus Cluster.

SPCH125 Introduction to Interpersonal Communication; (3) REG/P-F/AUD. This course is restricted to students in the former College of Human Ecology, College of Business and Management, College of Education, College of Journalism, College of Letters and Sciences, and students with the following major codes: 0108F, 01020, 01030, 01021, 01031, 01040, 1506A, 12230, 01080, 12120, 12130, 4901Z, 00400, 21030, 4901E, 1305A, 1307D, and 00001. Course chairperson: Wolvin. Attendance on the first day of classes is mandatory.
0101 **(48247)** STAFF
MW 8:00am-9:15am (TWS 2228)
0102 **(48248)** STAFF
MW 9:30am-10:45am (ARC 1101)

SPCH200 Advanced Public Speaking; (3) REG/P-F/AUD. *Prerequisite: SPCH 100 or SPCH 107 or permission of department.* Course chairperson: McCaleb. Attendance on the first day of classes is mandatory.
0101 **(48258)** STAFF
MWF 1:00pm-1:50pm (SKN 1115)
0201 **(48259)** STAFF
MWF 2:00pm-2:50pm (JMZ 2122)

SPCH220 Small Group Discussion; (3) REG/P-F/AUD. Course chairperson: Falcione. Attendance on the first day of classes is mandatory.
0101 **(48269)** STAFF
TuTh 8:00am-9:15am (SKN 0104)
0201 **(48270)** STAFF
TuTh 9:30am-10:45am (TYD 1101)

SPCH230 Argumentation and Debate; (3) REG/P-F/AUD. Course chairperson; Klumpp. Attendance on the first day of classes is mandatory.
0101 **(48280)** STAFF
TuTh 8:00am-9:15am (TWS 2228)
0201 **(48281)** STAFF
TuTh 9:30am-10:45am (TWS 2228)

SPCH250 Introduction to Speech Communication Inquiry; (3) REG/P-F/AUD.
0101 **(48291)** Waks, L.
TuTh 2:00pm-3:15pm (SKN 0200)

SPCH324 Communication and Gender; (3) REG/P-F/AUD. DIVERSITY
0101 **(48301)** STAFF
TuTh 8:00am-9:15am (TWS 0131)
0201 **(48302)** STAFF
TuTh 9:30am-10:45am (SKN 1112)

SPCH360 The Rhetoric of Black America; (3) REG/P-F/AUD. DIVERSITY Attendance on the first day of classes is mandatory.
0101 **(48303)** Niles, L.
W 7:00pm-9:45pm (SKN 0104)

SPCH386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

SPCH400 Research Methods in Speech Communication; (3) REG/P-F/AUD. *Prerequisites: SPCH 250 and an introductory course in statistics.* Attendance on the first day of classes is mandatory.
0101 **(48329)** Chen, N.
TuTh 12:30pm-1:45pm (JMZ 2206)

SPCH402 Communication Theory and Process; (3) REG/P-F/AUD. *Recommended: SPCH 250.* Attendance on the first day of classes is mandatory.
0101 **(48339)** STAFF
MW 2:00pm-3:15pm (SKN 0104)

SPCH420 Theories of Group Discussion; (3) REG/P-F/AUD.
0101 **(48349)** Eadie, W.
MW 4:00pm-5:15pm (SKN 0104)

SPCH424 Communication in Complex Organizations; (3) REG/P-F/AUD. Attendance on the first day of classes is mandatory.
0101 **(48359)** Cai, D.
TuTh 9:30am-10:45am (SKN 0104)

SPCH425 Negotiation and Conflict Management; (3) REG/P-F/AUD.
0101 **(48369)** Cai, D.
TuTh 12:30pm-1:45pm (CSS 1410)

SPCH460 Public Life in American Communities, 1634-1900; (3) REG/P-F/AUD.
0101 **(48379)** Klumpp, J.
MW 11:00am-12:15pm (SKN 1112)

SPCH470 Listening; (3) REG/P-F/AUD.
0101 **(48389)** Wolvin, A.
TuTh 3:30pm-4:45pm (SKN 0104)

SPCH475 Persuasion; (3) REG/P-F/AUD.
0101 **(48399)** Fink, E.
MW 9:30am-10:45am (SKN 0104)

SPCH478 Speech Communication Colloquium; (1) REG/AUD.
0101 **(48409)** Wolvin, A.
F 12:00pm-1:15pm (SKN 0104)

SPCH482 Intercultural Communication; (3) REG/P-F/AUD. DIVERSITY
0101 **(48419)** Rao, N.
TuTh 2:00pm-3:15pm (SKN 1115)
0201 **(48420)** STAFF
MW 11:00am-12:15pm (SKN 0104)
0301 **(48421)** Rao, N.
TuTh 12:30pm-1:45pm (SKN 0104)

SPCH489 Topical Research; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SPCH625 Negotiation and Conflict Management; (3) REG/AUD.
0101 **(48517)** Cai, D.
TuTh 12:30pm-1:45pm (CSS 1410)

SPCH652 Contemporary Rhetorical Theory; (3) REG/AUD.
0101 **(48518)** Klumpp, J.
M 1:00pm-3:45pm (SKN 2127)

SPCH700 Introduction to Doctoral Studies in Speech Communication; (3) REG/AUD. *Prerequisite: admission to the Ph.D. program in SPCH. Formerly PCOM 700.*
0101 **(48438)** Gaines, R.
Tu 4:00pm-6:45pm (SKN 2127)

SPCH798 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SPCH798J *(PermReq)* **Independent Study: Teaching Speech Communication; (1)** REG/AUD.
0101 **(48479)** Wolvin, A.
Th 12:30pm-1:30pm (SKN 2127)

SPCH799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

SPCH888 *(PermReq)* **Doctoral Practicum in Speech Communication; (3-9)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SPCH889 *(PermReq)* **Doctoral Tutorial in Speech Communication; (3-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SPCH899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

STAT Statistics and Probability
(Computer, Mathematical and Physical Sciences)

STAT100 Elementary Statistics and Probability; (3) REG/P-F/AUD. CORE: MS *Prerequisite: permission of Math Department based on satisfactory score on Math placement exam or MATH 110 or MATH 115. Not open to students who have completed MATH 111 or any MATH or STAT course with a prerequisite of MATH 141. Credit will be granted for only one of the following: MATH 111 or STAT 100.*
0101 **(48566)** Boyle, M.
MWF 12:00pm-12:50pm (MTH 0403)
0102 **(48567)** Alexander, J.
MWF 12:00pm-12:50pm (CSS 2428)
0103 **(48568)** Kagan, A.
MWF 12:00pm-12:50pm (MTH 1313)
0201 **(48569)** STAFF
MWF 2:00pm-2:50pm (MTH 0403)
0202 **(48570)** Kedem, B.
MWF 2:00pm-2:50pm (MTH 0104)
0203 **(48571)** STAFF
MWF 2:00pm-2:50pm (MTH B0429)

STAT400 Applied Probability and Statistics I; (3) REG/P-F/AUD. *Prerequisite: MATH 141. Not acceptable toward graduate degrees in STAT, MAPL, or MATH. Credit will be granted for only one of the following: STAT 400 or ENEE 324.* Section 0501 is designed for engineering students and includes some additional topics in quality control or simulation beyond other STAT 400 material.
0101 **(48581)** Freidlin, M.
MWF 10:00am-10:50am (MTH 0405)
0201 **(48582)** Chang, D.
MWF 11:00am-11:50am (MTH 0105)
0301 **(48583)** Syski, R.
MWF 2:00pm-2:50pm (MTH 0411)
0401 **(48584)** Yang, G.
TuTh 9:30am-10:45am (MTH 0305)
0501 **(48585)** STAFF
TuTh 11:00am-12:15pm (MTH 0407)
0601 **(48586)** Lee, T.
TuTh 12:30pm-1:45pm (MTH 0407)
0701 **(48587)** Qin, J.
TuTh 2:00pm-3:15pm (MTH 0201)

STAT410 Introduction to Probability Theory; (3) REG/P-F/AUD. *Prerequisite: MATH 240; and MATH 241.*
0101 **(48597)** Kedem, B.
MW 5:00pm-6:15pm (MTH 0103)

STAT411 Introduction to Stochastic Processes; (3) REG/P-F/AUD. *Prerequisite: STAT 400.*
0101 **(48607)** Lee, T.
TuTh 11:00am-12:15pm (MTH 0401)

STAT440 Sampling Theory; (3) REG/P-F/AUD. *Prerequisite: STAT 401 or STAT 420. Also offered as SURV 440.*
0101 **(48617)** Smith, P.
MW 5:00pm-6:15pm (MTH 0303)

STAT464 Introduction to Biostatistics; (3) REG/P-F/AUD. *Prerequisite: one semester of calculus. 56 semester hours. Junior standing.*
0101 **(48627)** Kagan, A.
MWF 11:00am-11:50am (MTH B0429)

STAT498A Selected Topics in Statistics; (1-6) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

STAT600 Probability Theory I; (3) REG/AUD. *Prerequisite: STAT 410.*
0101 **(48644)** Syski, R.
MWF 11:00am-11:50am (MTH 0107)

STAT698A Selected Topics in Probability; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

STAT700 Mathematical Statistics I; (3) REG/AUD. *Prerequisite: STAT 410 or equivalent.* Offered fall only.
0101 **(48671)** Qin, J.
TuTh 5:00pm-6:15pm (MTH 0304)

STAT740 Analysis of Variance; (3) REG/AUD. *Prerequisite: STAT 700 or STAT 420.*
0101 **(48691)** Smith, P.
MWF 2:00pm-2:50pm (MTH B0431)

STAT798A Selected Topics in Statistics; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

STAT798S Selected Topics in Statistics: Survival Analysis; (3) REG/AUD.
0201 **(48727)** Yang, G.
TuTh 2:00pm-3:15pm (MTH 0401)

STAT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

STAT899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

SURV Survey Methodology
(Behavioral and Social Sciences)

SURV410 Introduction to Probability Theory; (3) REG/P-F/AUD. *Prerequisite: MATH 240; and MATH 241 or permission of department. Credit will be granted for only one of the following; SURV 410 or STAT 410.*
0101 **(48775)** Kedem, B.
MW 5:00pm-6:15pm (MTH 0103)

SURV440 Sampling Theory; (3) REG/P-F/AUD. *Prerequisite: STAT 401 or STAT 420. Not open to students who have completed STAT 440.*
0101 **(48785)** Smith, P.
MW 5:00pm-6:15pm (MTH 0303)

SURV601 Social Statistics I; (3) REG/AUD. *Prerequisite: SOCY 401 or permission of instructor. Not open to students who have completed SOCY 601.*
0101 **(48795)** Neustadtl, A.
Tu 6:30pm-9:10pm (ASY 2309)

SURV615 Statistical Methods I; (3) REG/AUD. *Prerequisite: two course sequence in probability and statistics or equivalent.*
0101 **(48805)** STAFF
W 6:30pm-9:10pm (LEF 1208)

SURV620 *(PermReq)* **Survey Practicum I; (3)** REG/AUD. *Prerequisite: degree seeking student in JPSM or permission of instructor.*
0101 **(48815)** Presser, S.
Th 3:30pm-6:10pm (LEF 1221)

SURV623 Data Collection Methods in Survey Research; (3) REG/AUD.
0101 **(48825)** Couper, M.
M 6:30pm-9:10pm (LEF 1208)

SURV630 Questionnaire Design; (3) REG/AUD. This course will be held at the BLS Conference Center in Washington, D.C.
0101 **(48835)** Mathiowetz, N.
W 4:30pm-7:10pm (Arranged)

SURV670 Introduction to the Federal Statistical System and the Survey Research Profession I; (1) REG/AUD. *Prerequisite: degree seeking student in JPSM.*
0101 **(48845)** Groves, R.
Th 6:30pm-7:20pm (LEF 1221)

SURV701 Analysis of Complex Sample Data; (3) REG/AUD. *Prerequisite: SURV 625.*
0101 **(48855)** Rodgers, W.
Tu 5:30pm-8:15pm (LEF 1208)

SURV722 Randomized/Nonrandomized Design; (3) REG/AUD. *Prerequisite: SURV 625.*
0101 **(48865)** Dayton, C.
W 6:30pm-9:10pm (TYD 2110)

SURV723 Total Survey Error; (3) REG/AUD. *Prerequisite: SURV 625.*
0101 **(48875)** Tourangeau, R.
M 6:30pm-9:10pm (LEF 2208)

SURV770 Survey Design Seminar I; (1) REG/AUD. *Prerequisite: degree seeking student in JPSM. For SURV majors only.*
0101 **(48885)** STAFF
Th 4:30pm-6:00pm (LEF 1208)

THET Theatre
(Arts and Humanities)

THET110 Introduction to the Theatre; (3) REG/P-F/AUD. CORE: HA
0101 **(48935)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
W 10:00am-10:50am (TWS 0138) Dis
0102 **(48936)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
W 11:00am-11:50am (TWS 0131) Dis
0103 **(48937)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
W 12:00pm-12:50pm (TWS 0147) Dis
0104 **(48938)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
W 1:00pm-1:50pm (TWS 0147) Dis
0105 **(48939)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
W 2:00pm-2:50pm (TWS 0147) Dis
0106 **(48540)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
W 3:00pm-3:50pm (TWS 0147) Dis
0107 **(48941)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
F 8:00am-8:50am (TWS 0147) Dis
0108 **(48942)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
F 9:00am-9:50am (TWS 0147) Dis
0109 **(48943)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
F 10:00am-10:50am (TWS 0147) Dis
0110 **(48944)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
W 11:00am-11:50am (TWS 0138) Dis
0111 **(48945)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
W 12:00pm-12:50pm (TWS 0131) Dis
0112 **(48946)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
W 1:00pm-1:50pm (ASY 3211) Dis
0201 **(48947)** Greeley, L.
MW 11:00am-11:50am (ZOP 1250)
W 2:00pm-2:50pm (ASY 3211) Dis
0202 **(48948)** Greeley, L.
MW 11:00am-11:50am (ZOP 1250)
W 3:00pm-3:50pm (COL 3110) Dis
0203 **(48949)** Greeley, L.
MW 11:00am-11:50am (ZOP 1250)
W 3:00pm-3:50pm (COL 3111) Dis
0204 **(48950)** Greeley, L.
MW 11:00am-11:50am (ZOP 1250)
W 1:00pm-1:50pm (ASY 3215) Dis
0205 **(48951)** Greeley, L.
MW 11:00am-11:50am (ZOP 1250)
F 9:00am-9:50am (EDU 4233) Dis
0206 **(48952)** Greeley, L.
MW 11:00am-11:50am (ZOP 1250)
W 10:00am-10:50am (ASY 3207) Dis

THET110+ Introduction to the Theatre; (3) REG/P-F/AUD. CORE: HA Restricted to students in a First Year Focus Cluster or College Park Scholars - Arts.
0109 **(48962)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
F 10:00am-10:50am (TWS 0147) Dis
Restricted to students in a First Year Focus Cluster.
0112 **(48963)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
W 1:00pm-1:50pm (ASY 3211) Dis
Restricted to College Park Scholars - Artists.
0205 **(48964)** Greeley, L.
MW 11:00am-11:50am (TWS 2154)
F 9:00am-9:50am (EDU 4233) Dis
Restricted to students in a First Year Focus Cluster.

THET111 Making Theatre: Art and Scholarship; (3) REG/P-F/AUD. *Prerequisite: THET 110 or permission of department.*
0101 **(48974)** Black, C.
TuTh 9:30am-10:45am (COL 3109)
0102 **(48975)** Black, C.
TuTh 11:00am-12:15pm (ARC 1123)

THET120 Acting I; (3) REG/P-F/AUD. *Prerequisite: THET 110 or permission of department.* Students must contact department before registration for appropriate section.
0101 **(48985)** STAFF
TuTh 11:00am-12:50pm (TWS 1228) Lab
0102 **(48986)** STAFF
TuTh 1:00pm-2:50pm (TWS 1228) Lab
0103 **(48987)** STAFF
TuTh 3:00pm-4:50pm (TWS 1228) Lab

THET170 Stagecraft; (3) REG/P-F/AUD.
0101 **(48997)** Kriebs, D.
TuTh 11:00am-11:50am (TWS 0241)
M 2:00pm-5:00pm (TWS 0231) Lab
0102 **(48998)** Kriebs, D.
TuTh 11:00am-11:50am (TWS 0241)
Tu 2:00pm-5:00pm (TWS 0231) Lab
0103 **(48999)** Kriebs, D.
TuTh 11:00am-11:50am (TWS 0241)
W 2:00pm-5:00pm (TWS 0231) Lab
0104 **(49000)** Kriebs, D.
TuTh 11:00am-11:50am (TWS 0241)
Th 2:00pm-5:00pm (TWS 0231) Lab

THET221 *(PermReq)* **Speech For the Stage; (3)** REG/P-F/AUD. *Prerequisites: THET 120 and by audition and permission of department.*
0101 **(49010)** Naden, M.
MW 1:00pm-2:50pm (TWS 1228)

THET240 African-Americans in Film and Theatre; (3) REG/P-F/AUD.
0101 **(49011)** Coustaut, C.
MW 10:00am-11:50am (TWS 0147)

THET290 American Theatre 1750 to 1890; (3) REG. CORE: HA *Formerly THET 310.*
0101 **(49020)** Oleary, R.
MW 11:00am-11:50am (JMZ 0105)
W 12:00pm-12:50pm (TWS 2228) Lab
0102 **(49021)** Oleary, R.
MW 11:00am-11:50am (JMZ 0105)
W 1:00pm-1:50pm (TWS 2228) Lab
0104 **(49022)** Oleary, R.
MW 11:00am-11:50am (JMZ 0105)
F 11:00am-11:50am (ARC 1123) Lab
0105 **(49023)** Oleary, R.
MW 11:00am-11:50am (JMZ 0105)
F 10:00am-10:50am (ARC 1123) Lab

THET320 *(PermReq)* **Acting II; (3)** REG/P-F/AUD. *Prerequisites: THET 111; and THET 120; and by audition and permission of department.*
0101 **(49033)** Reese, S.
TuTh 9:00am-10:50am (TWS 0241)

THET330 *(PermReq)* **Play Directing I; (3)** REG/P-F/AUD. *Prerequisites: THET 111 and THET 120 and THET 170 and permission of department.*
0101 **(49043)** Reese, S.
MW 10:00am-11:50am (TWS 0241)
0102 **(49044)** STAFF
TuTh 1:00pm-2:50pm (TWS 0241)

THET341 Screenwriting I; (3) REG/P-F/AUD. *Prerequisite: junior English. Not open to students who have completed THET 417 or RTVF 417.*
0101 **(49197)** Coustaut, C.
MW 1:00pm-2:50pm (TWS 2212)

THET350 American Musical Comedy; (3) REG/P-F/AUD.
0101 **(49053)** Oleary, R.
MW 1:00pm-2:50pm (TWS 0241)

THET375 Scenic Design I; (3) REG. *Prerequisite: THET 273 or permission of department.*
0101 **(49063)** Conway, D.
MW 10:00am-11:50am (TWS 1208)

THET386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

THET429 *(PermReq)* **Actor's Studio; (1-3)** S-F. Individual Instruction course: contact department or instructor to obtain section number.

THET460 *(PermReq)* **Theatre Management I; (3)** REG. *Prerequisites: THET 111 or permission of department.*
0101 **(49110)** Patterson, W.
TuTh 9:30am-10:45am (TWS 0147)

THET474 *(PermReq)* **Stage Management; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(49120)** Kriebs, D.
TuTh 9:00am-10:50am (TWS 1208)

THET475 *(PermReq)* **Period Style for the Theatre: Fashion and Decor; (3)** REG/P-F/AUD. *Prerequisites: THET 170 and permission of department.*
0101 **(49207)** Conway, D.
MW 2:00pm-3:50pm (TWS 0138)

THET476 *(PermReq)* **Lighting Design I; (3)** REG/P-F/AUD. *Prerequisite: THET 273 or permission of department.*
0101 **(49130)** Wagner, D.
TuTh 1:00pm-2:50pm (TWS 1208)

THET479 *(PermReq)* **Theater Workshop; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET481 Stage Costume History and Design II; (3) REG/P-F/AUD. *Prerequisites: THET 480; and permission of department.*
0101 **(49401)** Huang, H.
W 1:00pm-4:00pm (TWS 1208)

THET484 *(PermReq)* **Rendering for the Theatre; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(49144)** Huang, H.
M 1:00pm-4:00pm (TWS 1208)

THET486 *(PermReq)* **Stage Costume Construction I; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(49154)** Krostyne, M.
MW 9:00am-11:50am (TWS 1218) Lab

THET490 *(PermReq)* **History of the Theatre: Classical Antiquity to Mid-Seventeenth Century; (3)** REG/P-F/AUD. *Prerequisites: THET 110 and THET 111 or permission of department.*
0101 **(49164)** Greeley, L.
TuTh 11:00am-1:00pm (TWS 0147)

THET499 *(PermReq)* **Independent Study; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET499W *(PermReq)* **Independent Study: Professional Practices; (3)** REG/P-F/AUD.
0101 **(49217)** Wagner, D.
TBA (TWS 1208)

THET600 Introduction to Graduate Study in Theatre; (3) REG/AUD.
0101 **(49249)** Schuler, C.
M 4:00pm-6:30pm (TWS 0154)

THET606 Teaching Theatre; (1) REG/AUD.
0101 **(49259)** Schuler, C.
M 3:00pm-4:00pm (TWS 0154)

THET608 Seminar: Theatre Criticism: Aesthetics; (3) REG/AUD.
0101 **(49269)** Meersman, R.
Th 4:00pm-6:30pm (TWS 0154)

THET669 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET669Q *(PermReq)* **Independent Study: Screen Writing for TV and Film I; (3)** REG/AUD.
0101 **(51823)** Coustaut, C.
MW 1:00pm-2:50pm (TWS 2212)

THET679 Professional Costume Design; (3) REG/AUD.
0101 **(49312)** Huang, H.
Time and room to be arranged

THET686 History of Modern Theory; (3) REG/AUD. *Recommended: THET 600. Formerly THET 689.*
0101 **(49322)** Schuler, C.
Tu 4:00pm-6:30pm (TWS 0154)

THET700 Introduction to Doctoral Studies in Theatre; (3) REG/AUD. *Prerequisite: admission to the Ph.D. program in theatre. Formerly PCOM 700.*
0101 **(49332)** Schuler, C.
M 4:00pm-6:30pm (TWS 0154)

THET788 Master's Tutorial; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET789 *(PermReq)* **Master's Practicum; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

THET888 *(PermReq)* **Doctoral Practicum in Theatre; (3-9)** REG. Indiv. Instruction course: contact dept. or instructor for section number.

THET889 *(PermReq)* **Doctoral Tutorial in Theatre; (3-8)** REG. Indiv. Instruction course: contact dept. or instructor to obtain section number.

THET899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG/AUD. Indiv. Instruction course: contact dept. or instructor to obtain section number.

TOXI Toxicology
(Life Sciences)

TOXI609 *(PermReq)* **Methods in Toxicology; (1-3)** REG/AUD.
0101 **(49449)** Nelson, J.
Time and room to be arranged

TOXI641 Environmental Toxicology; (3) REG/AUD. *Prerequisite: CHEM 243. Also offered as MEES 641. Credit will be granted for only one of the following: TOXI 641 or MEES 641.*
0101 **(49459)** Nelson, J.
TuTh 9:30am-10:45am (PLS 1113)

TOXI799 *(PermReq)* **Masters Thesis Research; (1-6)** REG/S-F.
0101 **(49469)** STAFF
Time and room to be arranged

TOXI899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG/S-F.
0101 **(49479)** STAFF
Time and room to be arranged

UMEI Maryland English Institute
(Arts and Humanities)

UMEI001 *(PermReq)* **English as a Foreign Language: Beginning; (12)** S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information.
0101 **(49529)** Kamibeppu, M.
MTuWThF 9:00am-10:00am (COL 3114)
MWF 10:00am-12:00pm (TLF 2110)
TuTh 10:00am-12:00pm (PLS 1180)
0201 **(49530)** Jastad, J.
MWF 1:00pm-3:00pm (ASY 3207)
TuTh 1:00pm-3:00pm (ARM 0121)

UMEI002 *(PermReq)* **English as a Foreign Language: Intermediate I; (12)** S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information.
0101 **(49540)** Poirier, M.
MWF 9:00am-11:00am (TLF 1104)
TuTh 9:00am-11:00am (TLF 1104)
MTuWThF 11:00am-12:00pm (TLF 1104)
MWF 2:00pm-3:00pm (JMZ 2125)
TuTh 2:00pm-3:00pm (JMZ 3118)
0201 **(49541)** Rice, A.
MWF 9:00am-11:00am (EGR 0104)
TuTh 9:00am-11:00am (HBK 0105)
MWF 11:00am-12:00pm (EGR 1110)
TuTh 11:00am-12:00pm (HBK 1116)
MTuWThF 2:00pm-3:00pm (JMZ 1220)

UMEI003 *(PermReq)* **English as a Foreign Language: Intermediate II; (12)** S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information.
0101 **(49551)** Cavanaugh, A.
MTuWThF 10:00am-12:00pm (ARM 0108)
MW 1:00pm-3:00pm (ARM 0118)
TuTh 1:00pm-3:00pm (ARM 0103)
F 1:00pm-3:00pm (ARM 0118)
0201 **(49552)** Kameras, B.
MWF 10:00am-12:00pm (COL 3114)
MWF 1:00pm-3:00pm (COL 3114)
TuTh 10:00am-12:00pm (ARC 1121)
TuTh 1:00pm-3:00pm (ARM 0101)
F 1:00pm-3:00pm (ARM 0108)

UMEI004 *(PermReq)* **English as a Foreign Language: Intermediate III; (12)** S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information.
0101 **(49562)** Richard, L.
MWF 9:00am-11:00am (ARC 1105)
MW 1:00pm-3:00pm (DNC 1139B)
TuTh 9:00am-11:00am (WDS 1130)
F 1:00pm-3:00pm (DNC 1139B)
0201 **(49563)** Lipowitz, H.
MWF 9:00am-11:00am (ARM 0102)
TuTh 9:00am-11:00am (JMZ 3120)
MWF 1:00pm-3:00pm (DNC 1147A)
TuTh 1:00pm-3:00pm (LEF 1221)
0301 **(49564)** Facer, L.
MWF 9:00am-11:00am (EGR 1110)
TuTh 9:00am-11:00am (JMZ 2102)
MWF 1:00pm-3:00pm (ASY 3219)
TuTh 1:00pm-3:00pm (PLS 1172)
0401 **(49565)** STAFF
MTuWThF 9:00am-10:00am (JMZ 3118)
MTuWThF 10:00am-12:00pm (PLS 1158)
MWF 1:00pm-3:00pm (COL 3109)
TuTh 1:00pm-3:00pm (PLS 1180)

UMEI005 Advanced English as a Foreign Language; (6) S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. Section 0301 is restricted to graduate students.
0301 **(49575)** Sahin, L.
MWF 10:00am-12:00pm (EGR 3111)
TuTh 10:00am-12:00pm (JMZ 1123)

(UMEI005 cont'd)

0401 **(49576)** Salus, S.
MW 1:00pm-3:00pm (JRN 1105)
TuTh 1:00pm-3:00pm (JMZ 1211)
F 1:00pm-3:00pm (KEY 0117)
0501 **(49577)** Kilday, K.
MWF 9:00am-11:00am (HBK 0125)
TuTh 9:00am-11:00am (JMZ 1211)

UMEI006 English Pronunciation; (1) S-F. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is charged for this course. See financial section in Schedule of Classes for information.
0101 **(49588)** Butler, M.
MW 3:00pm-4:30pm (SQH 1107)
0201 **(49589)** Facer, L.
TuTh 11:00am-12:30pm (MTH B0431)

UMEI007 Advanced Writing for International Students; (3) S-F. *Open to graduate students only. Special fee. This course does not carry credit towards any degree at the University and does not count in the retention plan.*
0101 **(49599)** Butler, M.
TuTh 12:00pm-2:00pm (JMZ 1123)
0201 **(49600)** Salus, S.
MW 3:00pm-5:00pm (JMZ 0208)
0301 **(49601)** Thapa, N.
TuTh 11:00am-1:00pm (TLF 2108)

UMEI008A Advanced Oral Communication Skills; (1) S-F.
0101 **(49611)** Kambeppu, M.
TuTh 1:00pm-3:00pm (TLF 2110)
0201 **(49612)** Kambeppu, M.
MW 3:00pm-5:00pm (TLF 2110)

UNIV World Courses (Undergraduate Studies)

UNIV118A World Course: The Creative Drive: Creativity in Music, Architecture, and Science; (3) REG/P-F/AUD. CORE: HA
0101 **(49661)** STAFF
MW 10:00am-10:50am (JMZ 0220)
Th 9:30am-10:45am (CHM 0122) Dis
0102 **(49662)** STAFF
MW 10:00am-10:50am (JMZ 0220)
Th 11:00am-12:15pm (JMZ 3205) Dis
0103 **(49663)** STAFF
MW 10:00am-10:50am (JMZ 0220)
Th 12:30pm-1:45pm (CHM 0122) Dis
0104 **(49664)** STAFF
MW 10:00am-10:50am (JMZ 0220)
Th 2:00pm-3:15pm (ARC 1103) Dis
0105 **(49665)** STAFF
MW 10:00am-10:50am (JMZ 0220)
F 9:00am-10:15am (JMP 2202) Dis
0106 **(49666)** STAFF
MW 10:00am-10:50am (JMZ 0220)
F 10:30am-11:45am (EGR 2112) Dis
0107 **(49667)** STAFF
MW 10:00am-10:50am (JMZ 0220)
F 10:00am-11:15am (ARC 1101) Dis

UNIV138A Technology and the Environment: To Stem the Flow: The Nile, Technology, Politics, and the Environment; (3) REG/P-F/AUD. CORE: LS Students taking this course may count it in one of three CORE areas: Physical Sciences Non-lab (PS), OR Life Sciences Non-lab (LS) OR Social or Political History (SH). This course counts as one course requirement toward CORE and may be used to fulfill only one CORE course requirement in only one of the three allowable areas. This course is taught by Drs. Baecher, Benson, and Butterworth.
0101 **(49677)** STAFF
TuTh 1:00pm-1:50pm (SKN 0200)
Tu 2:00pm-3:15pm (CHM 0122) Dis
0102 **(49678)** STAFF
TuTh 1:00pm-1:50pm (SKN 0200)
Tu 2:00pm-3:15pm (CHE 2145) Dis
0103 **(49679)** STAFF
TuTh 1:00pm-1:50pm (SKN 0200)
Tu 2:00pm-3:15pm (PLS 1146) Dis
0104 **(49680)** STAFF
TuTh 1:00pm-1:50pm (SKN 0200)
Tu 2:00pm-3:15pm (SYM 1308) Dis
0105 **(49681)** STAFF
TuTh 1:00pm-1:50pm (SKN 0200)
Th 2:00pm-3:15pm (CHM 0122) Dis
0106 **(49682)** STAFF
TuTh 1:00pm-1:50pm (SKN 0200)
Th 2:00pm-3:15pm (CHM 0124) Dis
0107 **(49683)** STAFF
TuTh 1:00pm-1:50pm (SKN 0200)
Th 2:00pm-3:15pm (CHM 0127) Dis

URSP Urban Studies and Planning (Architecture)

URSP100 Challenge of the Cities; (3) REG/P-F/AUD. CORE: SB *Formerly URBS 100.*
0101 **(49733)** Levin, M.
TuTh 12:30pm-1:45pm (TYD 1102)
0201 **(49734)** Cohen, J.
MW 1:00pm-2:15pm (SQH 1119)

URSP372 Diversity and the City; (3) REG/P-F/AUD. DIVERSITY
0101 **(49744)** Chen, A.
TuTh 1:00pm-2:30pm (JMZ 1117)

URSP399I *(PermReq)* **Independent Study; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

URSP410 *(PermReq)* **The Development of the American City; (3)** REG/P-F/AUD. *Prerequisite: permission of department. Formerly URBS 410.*
0101 **(49763)** Levin, M.
TuTh 4:00pm-5:30pm (KEY 0126)

URSP600 Research Design and Application; (3) REG. *Formerly URSP 602.*
0101 **(49815)** Chen, A.
Th 7:00pm-9:30pm (LEF 1222)

URSP603 Land Use Planning: Concepts and Techniques; (3) REG/AUD. *Credit will be granted for only one of the following: URSP 603, URBS 680 or URBS 603. Formerly URBS 603.*
0101 **(49825)** Levin, M.
M 7:00pm-9:30pm (LEF 1222)

URSP605 Planning History and Theory; (3) REG/AUD.
0101 **(49835)** Cohen, J.
Tu 4:00pm-6:30pm (LEF 1220)

URSP606 Urban Economics and Public Policy; (3) REG/AUD. *Not open to students who have completed URSP 630 or URBS 630. Credit will be granted for only one of the following: URSP 606, URBS 606, or URBS 630. Formerly URBS 606.*
0101 **(49845)** Ross, J.
Tu 7:00pm-9:30pm (LEF 1220)

URSP673 Social Planning; (3) REG/AUD. *Credit will be granted for only one of the following: URSP 673, URBS 683, or URBS 673. Formerly URBS 673.*
0101 **(49855)** Baum, H.
M 4:00pm-6:30pm (LEF 1222)

URSP688F Recent Developments in Urban Studies: Financial Analysis for Public and Private Development; (3) REG/AUD. Introduction to financial feasibility for private and public/private partnerships. The financing analysis for market and low income housing.
0101 **(49865)** Falk, D.
W 4:00pm-6:30pm (LEF 1220)

URSP688V Recent Developments in Urban Studies: Welfare Reform; (3) REG/AUD.
0101 **(49875)** STAFF
W 7:00pm-9:30pm (LEF 1220)

URSP704 *(PermReq)* **Community Planning Studio; (6)** REG/AUD. *Prerequisites: URSP 600, URSP 601, URSP 604, URSP 605, and permission of the Program. Formerly URBS 704.*
0101 **(49885)** Brower, S.
TuTh 9:00am-4:00pm (Arranged)

URSP788 *(PermReq)* **Independent Study in Urban Studies and Planning; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

URSP798 *(PermReq)* **Readings in Urban Studies and Planning; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

URSP799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

WMST Women's Studies (Arts and Humanities)

WMST200 Introduction to Women's Studies: Women and Society; (3) REG/P-F/AUD. CORE: SB DIVERSITY WMST 200 (or WMST 250) is a prerequisite for WMST 400. A third hour for discussion will be arranged for section 0101.
0101 **(49965)** Bolles, A.
MW 11:00am-11:50am (JRN 1104)
F 11:00am-11:50am (EGR 0104) Dis
0201 **(49966)** Goldberg, J.
TuTh 9:30am-10:45am (WDS 0104)

WMST210 Women in America to 1880; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as HIST 210. Credit will be granted for only one of the following: WMST 210 or HIST 210.*
0101 **(49976)** Lyons, C.
TuTh 11:00am-11:50am (MMH 1400)
M 9:00am-9:50am (JMZ 0120) Dis
0102 **(49977)** Lyons, C.
TuTh 11:00am-11:50am (MMH 1400)
M 10:00am-10:50am (ZOP 1234) Dis
0103 **(49978)** Lyons, C.
TuTh 11:00am-11:50am (MMH 1400)
M 12:00pm-12:50pm (KEY 0120) Dis
0104 **(49979)** Lyons, C.
TuTh 11:00am-11:50am (MMH 1400)
Tu 10:00am-10:50am (ARM 0118) Dis
0105 **(49980)** Lyons, C.
TuTh 11:00am-11:50am (MMH 1400)
Tu 3:00pm-3:50pm (LEF 1221) Dis
0106 **(49981)** Lyons, C.
TuTh 11:00am-11:50am (MMH 1400)
W 9:00am-9:50am (JMZ 0125) Dis
0107 **(49982)** Lyons, C.
TuTh 11:00am-11:50am (MMH 1400)
Th 9:00am-9:50am (ZOP 1238) Dis
0108 **(49983)** Lyons, C.
TuTh 11:00am-11:50am (MMH 1400)
Th 10:00am-10:50am (EGR 0108) Dis

WMST212 Women in Western Europe 1750-Present; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as HIST 212. Credit will be granted for only one of the following: WMST 212 or HIST 212.*
0101 **(49993)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
M 10:00am-10:50am (ASY 3217) Dis
0102 **(49994)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
M 11:00am-11:50am (COL 3112) Dis
0103 **(49995)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
M 2:00pm-2:50pm (LEF 1221) Dis
0104 **(49996)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
Tu 11:00am-11:50am (LEF 1222) Dis
0105 **(49997)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
Tu 12:00pm-12:50pm (ARM 0118) Dis
0106 **(49998)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
W 9:00am-9:50am (DNC 1139B) Dis
0107 **(49999)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
W 2:00pm-2:50pm (COL 3112) Dis
0108 **(50000)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
Th 3:00pm-3:50pm (JMZ 1124) Dis

WMST250 Introduction to Women's Studies: Women, Art and Culture; (3) REG/P-F/AUD. CORE: HA DIVERSITY WMST 250 (or WMST 200) is a prerequisite for WMST 400.
0101 **(50020)** Senack, E.
MWF 10:00am-10:50am (WDS 1127)
0201 **(50021)** Kelley, H.
MWF 11:00am-11:50am (WDS 1127)
0301 **(50022)** McCormick, A.
TuTh 9:30am-10:45am (WDS 1127)
0401 **(50023)** McCormick, A.
TuTh 12:30pm-1:45pm (WDS 1127)
0501 **(50024)** Auther, E.
TuTh 11:00am-12:15pm (WDS 1130)
0601 **(50025)** Auther, E.
TuTh 2:00pm-3:15pm (WDS 1130)
0701 **(50026)** Patton, S.
W 6:30pm-9:00pm (WDS 1127)

WMST255 Introduction to Literature by Women; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as ENGL 250. Credit will be granted for only one of the following: WMST 255 or ENGL 250.*
0101 **(50035)** Terchek, M.
TuTh 9:30am-10:45am (SQH 1103)
0301 **(50036)** Williams, G.
MWF 11:00am-11:50am (SQH 2122)
0401 **(50037)** Vetter, L.
TuTh 11:00am-12:15pm (ARM 0105)
0501 **(50038)** Vetter, L.
TuTh 12:30pm-1:45pm (SQH 1119)
0601 **(50039)** Deloughrey, E.
TuTh 9:30am-10:45am (HBK 1116)
0701 **(50040)** Biele, J.
MWF 10:00am-10:50am (HBK 1112)
0801 **(50041)** Dobson, K.
MWF 9:00am-9:50am (KEY 0103)

WMST275 World Literature by Women; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as CMLT 275. Credit will be granted for only one of the following: WMST 275 or CMLT 275.*
0101 **(50051)** Voloshen, L.
MW 9:30am-10:45am (ASY 2309)
0201 **(50052)** Moriel, L.
MW 2:00pm-3:15pm (SQH 2121)
0301 **(50053)** Shah, M.
TuTh 11:00am-12:15pm (WDS 1127)
0401 **(50054)** Shah, M.
TuTh 3:30pm-4:45pm (WDS 1131)

WMST281 Women in German Literature and Society; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as GERM 281. Credit will be granted for only one of the following: WMST 281 or GERM 281.*
0101 **(50064)** Frederiksen, E.
TuTh 11:00am-12:15pm (JMZ 3203)

WMST298A Special Topics in Women's Studies: Women in Yiddish Culture; (3) REG/P-F/AUD. Also offered as JWST 219C.
0101 **(50074)** Isaacs, M.
TuTh 2:00pm-3:15pm (PLS 1113)

WMST300 *(PermReq)* **Feminist Reconceptualizations of Knowledge; (3)** REG/P-F/AUD. *Prerequisite: permission of department. For WMST majors only.*
0101 **(50094)** Rosenfelt, D.
Tu 1:00pm-3:30pm (HBK 0109)

WMST313 Women and Science; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: one science course. Also offered as ZOOL 313. Credit will be granted for only one of the following: WMST 313 or ZOOL 313.*
0101 **(50104)** Palmer, M.
W 1:30pm-4:00pm (ZOP 2277)

WMST325 The Sociology of Gender; (3) REG/AUD. DIVERSITY *Prerequisite: 3 credits of sociology. Also offered as SOCY 325. Credit will be granted for only one of the following: WMST 325 or SOCY 325.*
0101 **(50114)** Malhotra, A.
TuTh 11:00am-12:15pm (ASY 3203)
0201 **(50115)** Malhotra, A.
TuTh 2:00pm-3:15pm (ASY 3203)
0301 **(50116)** Hunt, J.
TuTh 9:30am-10:45am (ASY 3207)

WMST326 Biology of Reproduction; (3) REG/P-F/AUD. *Prerequisite: BIOL 105 or permission of department. Also offered as ZOOL 326. Credit will be granted for only one of the following: WMST 326 or ZOOL 326.*
0101 **(50126)** Carter-Porges, C.
MW 2:00pm-3:15pm (ZOP 1250)

WMST336 Psychology of Women; (3) REG/P-F/AUD. *Prerequisite: PSYC 100. Also offered as PSYC 336. Credit will be granted for only one of the following: WMST 336 or PSYC 336.*
0101 **(50136)** Helms, J.
TuTh 2:00pm-3:15pm (ZOP 1250)

WMST348A Literary Works by Women: Contemporary Fiction by Women; (3) REG/P-F/AUD. DIVERSITY Also offered as ENGL 348A. Credit will be granted for only one of the following: WMST 348A or ENGL 348A.
0101 **(50146)** Leonardi, S.
MWF 10:00am-10:50am (ZOP 1238)

WMST348B Literary Works by Women: Immigrant Women's Experiences; (3) REG/P-F/AUD. DIVERSITY Also offered as ENGL 348B. Credit will be granted for only one of the following: WMST 348B or ENGL 348B.
0101 **(50156)** Ryan, L.
TuTh 9:30am-10:45am (TYD 0102)

WMST350 *(PermReq)* **Feminist Pedagogy; (6)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(50166)** Bolles, A.
Time and room to be arranged
0201 **(50167)** Beck, E.
Time and room to be arranged

WMST360 Caribbean Women; (3) REG/P-F/AUD.
0101 **(50176)** Bolles, A.
W 2:00pm-4:30pm (WDS 1127)

WMST400 Theories of Feminism; (3) REG/P-F/AUD. *Prerequisite: one course in WMST or a course crosslisted with a WMST course.*
0101 **(50186)** Allahyari, R.
MW 2:00pm-3:15pm (JMZ 2206)

WMST408 Literature by Women Before 1800; (3) REG/P-F/AUD. Prerequisite: two English courses in literature or permission of department. Also offered as ENGL 408. Credit will be granted for only one of the following: WMST 408 or ENGL 408.
0101 **(50196)** Donawerth, J.
MWF 1:00pm-1:50pm (WDS 0104)

WMST448 Literature by Women of Color; (3) REG/P-F/AUD. Also offered as ENGL 448. Credit will be granted for only one of the following: WMST 448 or ENGL 448.
0101 **(50207)** Ray, S.
TuTh 9:30am-10:45am (JMZ 2123)

WMST471 Women's Health; (3) REG/AUD. DIVERSITY *Also offered as HLTH 471. Credit will be granted for only one of the following: WMST 471 or HLTH 471.*
0101 **(50217)** Reynolds, M.
TuTh 4:00pm-5:15pm (HHP 1312)
0201 **(50218)** Simson, S.
W 4:00pm-6:45pm (HHP 1302)

WMST481 Femmes Fatales and the Representation of Violence in Literature, Opera and Film; (3) REG/P-F/AUD. Also offered as FREN 481. Credit will be granted for only one of the following: WMST 481 or FREN 481.
0101 **(51678)** Mossman, C.
TuTh 11:00am-12:15pm (JMZ 2206)

WMST488A *(PermReq)* **Senior Seminar: Healing Women: Feminist Perspectives on Mental Health; (3)** REG/P-F/AUD.
0101 **(50228)** Beck, E.
M 3:30pm-6:00pm (WDS 2101R)

WMST488K *(PermReq)* **Senior Seminar: The Politics of the Oral and the Written: Feminist Writing Technologies; (3)** REG/P-F/AUD.
0101 **(50238)** King, K.
Th 3:00pm-5:30pm (WDS 2101R)

WMST494 Lesbian Communities and Differences; (3) REG/P-F/AUD. *Prerequisite: one course in Women's Studies, preferably WMST 200 or WMST 250.*
0101 **(50248)** King, K.
Tu 3:00pm-5:30pm (ARM 0119)

WMST498A Advanced Special Topics in Women's Studies: Women and Society in Middle East; (3) REG/P-F/AUD. Also offered as HIST 319Z. Credit will be granted for only one of the following: WMST 498A or HIST 319Z.
0101 **(50258)** Zilfi, M.
TuTh 2:00pm-3:15pm (KEY 0103)

WMST498B Advanced Special Topics in Women's Studies: Black Women in United States History; (3) REG/P-F/AUD. Prerequisite: AASP 100 or AASP 202.
0101 **(50268)** Wilson, F.
W 2:00pm-4:30pm (HZF 1106)

WMST498C Advanced Special Topics in Women's Studies: Modern Women's Essays; (3) REG/P-F/AUD. Also offered as ENGL 488B. Credit will be granted for only one of the following: WMST 498C or ENGL 488B.
0101 **(50278)** Schilb, J.
MWF 2:00pm-2:50pm (ASY 3203)

WMST498D Advanced Special Topics in Women's Studies: U.S. Women's Public Activism; (3) REG/P-F/AUD. Also offered as HIST 419C. Credit will be granted for only one of the following: WMST 498D or HIST 419C.
0101 **(50288)** Chirhart, A.
TuTh 12:30pm-1:45pm (KEY 0125)

WMST498E Advanced Special Topics in Women's Studies: Do They Make a Difference?; (3) REG. Also offered as BSOS 359G. Credit will be granted for only one of the following: WMST 498E or BSOS 359G.
0101 **(50298)** Boergers, M.
Tu 6:00pm-8:40pm (TYD 1108)

WMST498F Advanced Special Topics in Women's Studies: Gender Nationalism and Black Political Struggle; (3) REG/P-F/AUD.
0101 **(50299)** Barkley Brown, E.
Th 1:00pm-3:30pm (PLS 1115)

WMST499 *(PermReq)* **Independent Study; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

WMST601 Advanced Feminist Theory; (3) REG/AUD. *Prerequisite: WMST 400 or permission of department.*
0101 **(50317)** Moses, C
Tu 6:30pm-9:00pm (WDS 0104)

WMST698A Special Topics in Women's Studies: Black Women in the United States; (3) REG/AUD.
0101 **(50327)** Barkley Brown, E.
Tu 1:00pm-3:30pm (KEY 1118)

WMST698B *(PermReq)* **Special Topics in Women's Studies: Women of Power: Examination of Biography in Film and Other Forms; (3)** REG/AUD.
0101 **(50337)** Fuegi, J.

WMST699 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

WMST708 *(PermReq)* **Research Seminar in Women's Studies; (3)** REG/AUD.
0101 **(50355)** STAFF
Time and room to be arranged

ZOOL Zoology (Life Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment,to determine whether animals are to be used in the course, whether class excercises involving animals are optional or required and what alternatives, if any, are available.

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The Zoology Department enforces course prerequisites. Students who do not meet the course prerequisites will be administratively dropped from the course.

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ZOOL201 Human Anatomy and Physiology I; (4) REG/P-F. CORE: LL *Prerequisite: BIOL 105 or equivalent.* Not acceptable for credit in any Biological Sciences major. Professor in charge: J. Opoku-Edusei.

0101 **(50405)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
M 10:00am-1:00pm (ZOP 0205) Lab

0102 **(50406)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
M 1:00pm-4:00pm (ZOP 0205) Lab

0103 **(50407)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
M 4:00pm-7:00pm (ZOP 0205) Lab

0104 **(50408)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Tu 8:00am-11:00am (ZOP 0205) Lab

0105 **(50409)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Tu 2:00pm-5:00pm (ZOP 0205) Lab

0106 **(50410)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
W 10:00am-1:00pm (ZOP 0205) Lab

0107 **(50411)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
W 1:00pm-4:00pm (ZOP 0205) Lab

0108 **(50412)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
W 4:00pm-7:00pm (ZOP 0205) Lab

0109 **(50413)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Th 8:00am-11:00am (Arranged) Lab

0110 **(50414)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Th 11:00am-2:00pm (Arranged) Lab

0111 **(50415)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Th 2:00pm-5:00pm (Arranged) Lab

0112 **(50416)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
F 10:00am-1:00pm (Arranged) Lab

0113 **(50417)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
F 1:00pm-4:00pm (Arranged) Lab

0114 **(50418)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
M 7:00pm-10:00pm (Arranged) Lab

0115 **(50419)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Tu 11:00am-2:00pm (Arranged) Lab

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8101 **(*****)** STAFF
TuTh 6:00pm-7:15pm (ZOP 1243)
Tu 7:30pm-10:30pm (ZOP 0205) Lab

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Dr. Lucinda Jack, 1122 Symons Hall; phone (301)405-0316; email: evening(a)life.umd.edu).

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ZOOL210 Animal Diversity; (4) REG/P-F/AUD. CORE: LL *Prerequisite: BIOL 106.*

0101 **(50431)** Kent, B.
TuTh 8:00am-9:20am (PLS 1140)
M 11:00am-2:00pm (ZOP 0257) Lab

0102 **(50432)** Kent, B.
TuTh 8:00am-9:20am (PLS 1140)
M 2:00pm-5:00pm (ZOP 0257) Lab

0103 **(50433)** Kent, B.
TuTh 8:00am-9:20am (PLS 1140)
Tu 11:00am-2:00pm (ZOP 0257) Lab

0104 **(50434)** Kent, B.
TuTh 8:00am-9:20am (PLS 1140)
Tu 2:00pm-5:00pm (ZOP 0257) Lab

ZOOL211 Cell Biology and Physiology; (4) REG/P-F/AUD. *Prerequisites: BIOL 105; and CHEM 103.* This course will be team taught by Dr. Elisabeth Gantt and Dr. Zongchi Liu.

0101 **(50444)** Gantt, E.
TuTh 9:30am-10:45am (HJP 0226)
M 9:00am-12:00pm (ZOP 0207) Lab

0102 **(50445)** Gantt, E.
TuTh 9:30am-10:45am (HJP 0226)
M 2:00pm-5:00pm (ZOP 0207) Lab

0103 **(50446)** Gantt, E.
TuTh 9:30am-10:45am (HJP 0226)
M 6:00pm-9:00pm (ZOP 0207) Lab

0104 **(50447)** Gantt, E.
TuTh 9:30am-10:45am (HJP 0226)
Tu 11:00am-2:00pm (ZOP 0207) Lab

0105 **(50448)** Gantt, E.
TuTh 9:30am-10:45am (HJP 0226)
Tu 2:30pm-5:30pm (ZOP 0207) Lab

0106 **(50449)** Gantt, E.
TuTh 9:30am-10:45am (HJP 0226)
Tu 6:00pm-9:00pm (ZOP 0207) Lab

0107 **(50450)** Gantt, E.
TuTh 9:30am-10:45am (HJP 0226)
W 9:00am-12:00pm (ZOP 0207) Lab

0108 **(50451)** Gantt, E.
TuTh 9:30am-10:45am (HJP 0226)
W 2:00pm-5:00pm (ZOP 0207) Lab

0109 **(50452)** Gantt, E.
TuTh 9:30am-10:45am (HJP 0226)
W 6:00pm-9:00pm (ZOP 0207) Lab

0110 **(50453)** Gantt, E.
TuTh 9:30am-10:45am (HJP 0226)
Th 11:00am-2:00pm (ZOP 0207) Lab

0111 **(50454)** Gantt, E.
TuTh 9:30am-10:45am (HJP 0226)
Th 2:30pm-5:30pm (ZOP 0207) Lab

0112 **(50455)** Gantt, E.
TuTh 9:30am-10:45am (HJP 0226)
Th 6:00pm-9:00pm (ZOP 0207) Lab

0113 **(50456)** Gantt, E.
TuTh 9:30am-10:45am (HJP 0226)
F 9:00am-12:00pm (ZOP 0207) Lab

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8101 **(*****)** STAFF
TuTh 6:00pm-7:15pm (ZOP 1250)
Tu 7:30pm-10:30pm (ZOP 0213) Lab

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Dr. Lucinda Jack, 1122 Symons Hall; phone (301)405-0316; email: evening(a)life.umd.edu).

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ZOOL211M Cell Biology and Physiology; (4) REG/P-F/AUD. *Prerequisites: BIOL 105; and CHEM 103.* Credit will be granted for only one of the following: ZOOL 211 or ZOOL 211M. A student is eligible to take this course only if the lab score received in ZOOL 211, the last time it was taken totalled at least 80% of the maximum possible total. These scores will count for part of the grade for ZOOL 211M.

0101 **(50468)** Gantt, E.
TuTh 9:30am-10:45am (HJP 0226)

ZOOL299 *(PermReq)* **Supplemental Study in Zoology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ZOOL301 Biological Issues and Scientific Evidence; (3) REG/P-F/AUD. *Prerequisite: BIOL 105.* This course does not apply to any Biology major. It is recommended as an advanced studies course for Non-biology majors.

0101 **(50514)** Stephan, W.
TuTh 2:00pm-3:15pm (PLS 1119)

ZOOL308H Honors Seminar; (1) REG/P-F/AUD. Zoology department honors students only.

0101 **(50524)** Sebens, K.
Tu 3:30pm-4:30pm (ZOP 1208)

ZOOL309H *(PermReq)* **Honors Independent Study; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in zoology departmental honors program.

ZOOL313 Women and Science; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: one science course. Also offered as WMST 313. Credit will be granted for only one of the following: ZOOL 313 or WMST 313.* This course does not apply to any Biology major. It is recommended as an Advanced Studies course for Non-biology majors.

0101 **(50568)** Palmer, M.
W 1:30pm-4:00pm (ZOP 2277)

ZOOL318H *(PermReq)* **Honors Research; (1-2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in zoology departmental honors program.

ZOOL319 *(PermReq)* **Special Problems in Zoology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: major in zoology or biological sciences, G.P.A. of 3.00 in biological sciences, permission of instructor and department.

ZOOL322 Eukaryotic Genetics Laboratory; (2) REG/P-F/AUD. *Prerequisite: BIOL 222 or equivalent. Also offered as BIOL 322. Credit will be granted for only one of the following: ZOOL 213, BIOL 322 or ZOOL 322.* Acceptable toward Biological Sciences Specialization areas: ZOOL, CMBG, BGEN and GENB.

0101 **(51137)** Duttaroy, A.
W 8:00am-11:00am (ZOP 0201)

0102 **(51138)** Duttaroy, A.
W 1:00pm-4:00pm (ZOP 0201)

ZOOL326 Biology of Reproduction; (3) REG/P-F/AUD. *Prerequisite: BIOL 105 or permission of department. Also offered as WMST 326. Credit will be granted for only one of the following: ZOOL 326 or WMST 326.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, BGEN (non-lab), and GENB.

0101 **(50642)** Carter-Porges, C.
MW 2:00pm-3:15pm (ZOP 1250)

ZOOL328A Selected Topics in Zoology: Modern Parasitology; (4) REG/P-F. Prerequisites: ZOOL 211 or MICB 200; or permission of instructor. Acceptable toward Biological Sciences Specialization areas: PHNB (ancillary), BGEN, GENB (category B), CMBG, MICB, and ZOOL.

0101 **(50652)** Sina, B.
TuTh 9:30am-10:45am (PLS 1162)
Th 1:00pm-4:00pm (PLS 1161) Lab

ZOOL328G Selected Topics in Zoology: Methods in Animal Behavior; (4) REG/P-F/AUD. Prerequisite: ZOOL 360 or equivalent. Acceptable toward Biological Sciences Specialization areas: ZOOL, MARB (elective), BEES (elective), EEBB, BGEN and GENB (category B). This course does not apply as an upper level lab for any Biology major.

0101 **(50662)** Mueller, U.
TuTh 12:30pm-1:45pm (ZOP 1230)
Th 2:00pm-5:00pm (ZOP 0271) Dis

ZOOL328L Selected Topics in Zoology: Developmental Biology Laboratory; (1) REG. Pre- or corequisite: ZOOL 430. Acceptable toward Biological Sciences Specialization areas: PHNB (ancillary), ZOOL, CMBG, BGEN and GENB (category A).

0101 **(50672)** Rivas, R.
Th 1:00pm-5:00pm (PLS 1181) Lab

ZOOL328Y Selected Topics in Zoology: Experimental Approaches to Evolution; (4) REG/P-F/AUD. Prerequisites: ZOOL 440 or PBIO 445 or permission of instructor. Acceptable toward Biological Sciences Specialization areas: ZOOL, MARB (elective), BEES (elective), EEBB, BGEN and GENB (category B).

0101 **(50682)** Via, S.
TuTh 11:00am-12:15pm (PLS 1117)
Time and room to be arranged Dis

ZOOL328Z *(PermReq)* **Selected Topics in Zoology: Field Research; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Cannot be used as credit toward the BIOL major requirements.

ZOOL329 *(PermReq)* **Instructional Assistance Practicum; (1-2)** REG. Permission of department only. Credit cannot be applied to the requirements of any Biological Sciences Major.

2801 **(50727)** Small, E.
Time and room to be arranged

5107 **(50728)** Compton, R.
Time and room to be arranged

ZOOL360 Principles of Animal Behavior; (3) REG/P-F/AUD. *Prerequisites: BIOL 105 and BIOL 106 and BIOL 222.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, EEBB, MARB, BGEN, BEES, and GENB.

0101 **(50737)** Wilkinson, G.
MW 10:00am-10:50am (ZOP 1250)
F 9:00am-9:50am (PLS 1168) Dis

0102 **(50738)** Wilkinson, G.
MW 10:00am-10:50am (ZOP 1250)
F 10:00am-10:50am (PLS 1168) Dis

0103 **(50739)** Wilkinson, G.
MW 10:00am-10:50am (ZOP 1250)
F 11:00am-11:50am (PLS 1168) Dis

0104 **(50740)** Wilkinson, G.
MW 10:00am-10:50am (ZOP 1250)
F 10:00am-10:50am (PLS 1172) Dis

ZOOL381 Natural History of the Chesapeake Bay; (3) REG/P-F/AUD. *Prerequisite: a course in biological sciences or permission of department.* Now acceptable for credit for Biological Sciences majors. Acceptable toward Biological Sciences specialization areas: ZOOL, EEBB, MARB, BGEN (non-lab), BEES and GENB.

0101 **(50750)** Small, E.
MWF 12:00pm-12:50pm (ZOP 1250)

ZOOL382 Chesapeake Bay Laboratory; (2) REG/P-F/AUD. *One hour of lecture, two hours of laboratory, and eight hours of fieldwork per week. Pre- or corequisite: ZOOL 381. Junior standing.* Acceptable toward Biological Science specialization areas: ZOOL, EEBB, MARB, BGEN, BEES, and GENB. Saturday field trips to be arranged. Students must provide their own transportation.

0101 **(50760)** Small, E.
TuTh 1:00pm-4:00pm (ZOP 0283) Lab

ZOOL410 Cell Biology Lectures; (3) REG/P-F/AUD. *Prerequisites: ZOOL 211 and BIOL 222 and CHEM 233. Credit will be granted for only one of the following: ZOOL 410, ZOOL 411 or PBIO 400.* Acceptable toward Biological Sciences specialization areas: PHNB, CMBG, BGEN, and GENB.

0101 **(50770)** Goode, M.
MWF 10:00am-10:50am (ZOP 1243)

ZOOL411 Cell Biology; (4) REG/P-F. *Prerequisites: ZOOL 211 and BIOL 222 and CHEM 233. Also offered as PBIO 400. Credit will be granted for only one of the following: ZOOL 410, ZOOL 411 or PBIO 400.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, CMBG, BGEN (lab), and GENB.

0101 **(50780)** Goode, M.
MWF 10:00am-10:50am (ZOP 1243)
M 1:00pm-5:00pm (PLS 1171) Lab

0102 **(50781)** Goode, M.
MWF 10:00am-10:50am (ZOP 1243)
Tu 1:00pm-5:00pm (PLS 1171) Lab

0103 **(50782)** Goode, M.
MWF 10:00am-10:50am (ZOP 1243)
W 1:00pm-5:00pm (PLS 1171) Lab

0104 **(50783)** Goode, M.
MWF 10:00am-10:50am (ZOP 1243)
Th 1:00pm-5:00pm (PLS 1171) Lab

ZOOL420 Neurophysiology Lectures; (3) REG/P-F/AUD. *Prerequisites: ZOOL 211 and CHEM 233 and PHYS 122. Credit will be granted for only one of the following: ZOOL 420 or ZOOL 421.* Acceptable toward Biological Sciences specialization area: PHNB, ZOOL, BGEN, (non-lab), and GENB.

0101 **(50793)** Carr, C.
TuTh 9:30am-10:45am (ZOP 1250)

ZOOL421 Neurophysiology; (4) REG/P-F/AUD. *Prerequisites: ZOOL 211; and CHEM 233; and PHYS 122. Credit will be granted for only one of the following: ZOOL 420 or ZOOL 421.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, BGEN, and GENB.

0101 **(50803)** Carr, C.
TuTh 9:30am-10:45am (ZOP 1250)
M 2:00pm-5:00pm (ZOP 2223) Lab

0102 **(50804)** Carr, C.
TuTh 9:30am-10:45am (ZOP 1250)
Tu 2:00pm-5:00pm (ZOP 2223) Lab

0103 **(50805)** Carr, C.
TuTh 9:30am-10:45am (ZOP 1250)
W 2:00pm-5:00pm (ZOP 2223) Lab

0104 **(50806)** Carr, C.
TuTh 9:30am-10:45am (ZOP 1250)
Th 2:00pm-5:00pm (ZOP 2223) Lab

ZOOL430 Developmental Biology; (3) REG/P-F/AUD. *Prerequisites: ZOOL 211 and BIOL 222.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, BGEN, GENB and CMBG.

0101 **(50816)** Rivas, R.
TuTh 11:00am-12:15pm (PLS 1130)

ZOOL440 Evolution; (3) REG/P-F/AUD. *Prerequisite: BIOL 106.* Acceptable toward Biological Sciences specialization areas: ZOOL, EEBB, MARB, BGEN, BEES, and GENB.

0101 **(50826)** Chao, L.
TuTh 9:30am-10:45am (ZOP 1236)

ZOOL446 Molecular Genetics; (3) REG/P-F/AUD. *Prerequisites: a course in genetics (e.g. BIOL 222) and CHEM 233.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, BGEN, GENB and CMBG.

0101 **(50836)** Imberski, R.
TuTh 11:00am-12:15pm (ZOP 1250)

ZOOL452 Recombinant DNA; (3) REG/P-F/AUD. *Prerequisites: (ZOOL 211 or MICB 200) and BIOL 222.* Acceptable toward Biological Sciences areas: PHNB, CMBG, ZOOL, MICB, BGEN, and GENB.

0101 **(50846)** Tanda, S.
TuTh 12:30pm-1:45pm (PLS 1140)

ZOOL470 Advanced Population Ecology; (3) REG/P-F/AUD. *Prerequisites: BIOL 106 and MATH 220.* Acceptable toward Biological Sciences specialization areas: ZOOL (EEBB area), EEBB, MARB, BGEN, BEES, and GENB.

0101 **(50856)** Gill, D.
MWF 9:00am-9:50am (ZOP 1243)

ZOOL471 Laboratory and Field Ecology; (2) REG/P-F/AUD. *Pre- or corequisites: ZOOL 470 and a course in statistics.* Acceptable toward Biological Sciences specialization areas: ZOOL, MARB, EEBB, BGEN, BEES, and GENB.

0101 **(50866)** Gill, D.
F 1:00pm-5:00pm (ZOP 0275) Lab

ZOOL473 Marine Ecology; (3) REG/P-F/AUD. *Prerequisite: ZOOL 210.*

0101 **(50876)** Reaka-Kudla, M.
TuTh 11:00am-12:15pm (ZOP 1236)

ZOOL481 The Biology of Marine and Estuarine Invertebrates; (4) REG/P-F/AUD. *Prerequisite: one year of zoology including ZOOL 210 or equivalent.* Acceptable toward Biological Sciences areas: MARB, ZOOL, BGEN, BEES, GENB, and EEBB.

0101 **(50886)** Pierce, S.
MW 9:00am-9:50am (ZOP 2283)
MW 1:00pm-4:00pm (ZOP 0263) Lab

ZOOL608E Zoology Seminar: Topics in Behavior, Evolution and Systematics; (1) REG/AUD.

0101 **(50897)** Abrams, P.
M 12:00pm-12:50pm (ZOP 1208)

ZOOL608V Zoology Seminar: Small Populations Seminar; (2) REG/AUD.

0101 **(50907)** Abrams, P.
M 1:30pm-3:30pm (PLS 1146)

ZOOL609 Special Problems in Zoology; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ZOOL640 Population Genetics; (4) REG/AUD. *Prerequisite: a course in genetics.*

0101 **(50945)** Highton, R.
TuTh 9:30am-10:45am (ZOP 1230)
Time and room to be arranged Lab

ZOOL652 Recombinant DNA; (3) REG/AUD. *Prerequisites: (ZOOL 211 and BIOL 222) or permission of instructor.*

0101 **(50955)** Tanda, S.
TuTh 12:30pm-1:45pm (PLS 1140)

ZOOL701 Teaching Zoology; (1) S-F. *For LFSC graduate students only.*

0101 **(50965)** Pierce, S.
Time and room to be arranged

ZOOL708A Advanced Topics in Zoology: Cell Biology Lecture; (3) REG/AUD.

0101 **(50975)** Goode, M.
MWF 10:00am-10:50am (ZOP 1243)
F 11:00am-11:50am (ZOP 1230) Dis

ZOOL708B *(PermReq)* **Advanced Topics in Zoology: Principles of Animal Behavior; (3)** REG/AUD. Prerequisite: permission of instructor.

0101 **(50985)** Wilkinson, G.
MW 10:00am-10:50am (ZOP 1250)
F 9:00am-9:50am (ZOP 2283) Dis

ZOOL708G Advanced Topics in Zoology: Methods in Animal Behavior; (4) REG/AUD. Prerequisite: ZOOL 360 or equivalent.

0101 **(50995)** Mueller, U.
TuTh 12:30pm-1:45pm (ZOP 1230)
Th 2:00pm-5:00pm (ZOP 0271) Dis

ZOOL708L Advanced Topics in Zoology: Neurophysiology Lecture; (3) REG/AUD. Prerequisites: PHYS 122, CHEM 233, and ZOOL 211.

0101 **(51005)** Carr, C.
TuTh 9:30am-10:45am (ZOP 1250)

ZOOL708P Advanced Topics in Zoology: Marine and Estuarine Protozoa; (4) REG/AUD.

0101 **(51015)** Small, E.
TBA (ZOP 0283)
TBA (ZOP 0283) Lab

ZOOL708Q Advanced Topics in Zoology: Protozoology; (3) REG/AUD.

0101 **(51025)** Small, E.
Time and room to be arranged

ZOOL708R Advanced Topics in Zoology: Ecosystem Ecology; (3) REG/AUD. Course will be taught on the Interactive Video Network.

0101 **(51035)** Costanza, R.
Tu 2:00pm-5:00pm (SKN 0101)

ZOOL708U Advanced Topics in Zoology: Dynamic Modeling of Ecological and Economic Systems; (3) REG/AUD. Prerequisite: Calculus and a course in ecology and/or economics. Course will be taught on the Interactive Video Network.

0101 **(51045)** Costanza, R.
F 2:00pm-5:00pm (SKN 0101)

ZOOL708W Advanced Topics in Zoology: Gender and Scientific Knowledge; (2) REG/AUD.

0101 **(51055)** Palmer, M.
W 1:30pm-4:30pm (ZOP 2277)

ZOOL708Y Advanced Topics in Zoology: Experimental Approaches to Evolution; (4) REG/AUD.

0101 **(51065)** Via, S.
TuTh 11:00am-12:15pm (PLS 1117)
Time and room to be arranged Dis

ZOOL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ZOOL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

Tentative Schedule

SCHEDULE WORKSHEET

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:00					
8:30					
9:00					
9:30					
10:00					
10:30					
11:00					
11:30					
12:00					
12:30					
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3:30					
4:00					
4:30					
5:00					
5:30					
6:00					

SCHEDULE WORKSHEET

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:00					
8:30					
9:00					
9:30					
10:00					
10:30					
11:00					
11:30					
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4:00					
4:30					
5:00					
5:30					
6:00					

BLOW AWAY the Competition
Place Your AD in the OFFICIAL
SCHEDULE OF CLASSES

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(301) 405-6777

Virtual Electronic Network University Scheduler

Location: http://www.ads-rr.umd.edu/V/venus.html

Cover Page: http://www.ads-rr.umd.edu/V/V.html

New Version Available!

Venus has been upgraded to version 2 as of Spring 1996. There are several new features that debut in this version which should significantly increase the power of Venus to create custom student schedules. Listed below are some of the new features:

CoreBoy

CoreBoy lets you view and choose core courses for consideration in the schedules you build. You can choose from among the different core categories (HL, MS, etc) available. To access CoreBoy, simply include "CORE" as one of your required or supplementary courses. From there on, CoreBoy shows you the available core courses and allows you to select the ones you wish to consider.

The Joker

The Joker lets you use wildcards to specify courses and even sections you wish to consider. This means that you can now point and click the courses and sections you wish to include in your schedule. Access the Joker by using a wildcard in a required or supplementary course. For example, "AR*" will let you pick from all courses which start with "AR" (ARTH, ARCH, ARTT, etc). A more specific wildcard, such as "BIOL105*" will let you pick from all courses that start with "BIOL105".

Point and Click Interface

Now, instead of having to know which courses you wish to take before using Venus, you can let Venus display a "checkable" version of the Schedule of Classes. Both CoreBoy and The Joker display courses in the same format as the Schedule of Classes, with the added feature that you can check off the courses and sections you wish to consider. Instead of referencing the Schedule of Classes or Seats prior to using Venus, you can now start your scheduling straight from Venus, using the built-in Schedule of Classes support and the integrated Seats data.

Direct Schedule Printout

By popular demand, Venus brings you Direct Schedule Printout, fondly known as the "Mitchell Schedule". From the Venus toolbar at the bottom of Venus pages, choose "Direct Printout" to access this feature. Direct Schedule Printout allows you to print out a schedule without having to first go through the many scheduling features of Venus. Simply enter course and section specifications, and Direct Schedule Printout will render a printable schedule on the spot.

More Information

For more information regarding the new features, read the "New Additions" page at "http://www.ads-rr.umd.edu/V/newadd.html". The "New Additions" page will provide you with further details on the use of new features.

What is Venus?

"VENUS" is the Virtual Electronic Network University Scheduler. It creates schedules for students at the University of Maryland. Venus can be used from any computer with Internet access. Using Netscape, a hypertext browser which can be run from WAM computer labs, students can use Venus as a convenient tool to relieve hours of scheduling-building effort and frustration.

What are the basic concepts?

Venus produces schedules by considering all the possible schedules that could be produced with the courses that a student specifies. All the student has to do is enter the courses which he/she is considering. Venus then assembles all the possible combinations of all the sections of the courses specified by the student. The student can then look over the resulting schedules and pick his/her favorite.

How is Venus accessed?

1. From a computer at a WAM lab, choose "WorldWide Web" from the main menu. Select "Netscape".

2. From within Netscape, choose "Open Location" under in the File menu. Type in the following exactly as printed (capital / lower case is important), omitting the quotations:

"http://www.ads-rr.umd.edu/V/venus.html"

3. After getting into Venus, navigate the screens by clicking with the mouse on buttons or highlighted links. For instance, to use the Regular Form, click on the button at the bottom of Venus' cover page that is labeled "Regular Form". New users should click on the button labeled "Tutorial" for more information.

A quick guide on using Venus

The following information is a brief tutorial on using the Regular Form on Venus. Other forms are also available. The online tutorial provides more in-depth information, and should be consulted in case of uncertainty.

Required Courses - those courses which are absolutely necessary in a student's schedule. These courses will end up appearing in every schedule generated by Venus, if the student enters them as "required". For instance, a senior who needs to take English in order to graduate will enter ENGL393 as a required course.

Supplementary Courses - those courses which are not absolutely essential, but are included on an "if-possible" basis. Most courses for a typical student belong in this category.

Minimum Credits / Maximum Credits - the minimum and maximum number of credts that the student wishes to consider. Venus will only return schedules which fit the credit requirements set by the student. For instance, if a student specifies a minimum credit level of 12 and a maximum credit level of 15, Venus will only return schedules having at least 12 credits but not exceeding 15 credits.

Waitlist Length - the maximum waitlist length that the student wishes to consider. For instance, if a student does not wish to consider any sections that are full, he/she would enter "0" as the waitlist length. Or, if a student wishes to consider sections with waitlists only if the waitlists are shorter than 3 students, he/she would enter "3" as the waitlist length.

Maximum Returns - the maximum number of schedules that Venus returns. If a student wishes only to see the first 10 possible schedules, he/she would enter "10" as the maximum returns.

Contact the Author

The author of Venus is Philip Su, an undergraduate student at the University of Maryland. He developed Venus under the authority of Academic Data Systems in the Mitchell Building. The author can be reached most easily by email, at the following address: phils@wam.umd.edu. All communications regarding Venus should be directed towards the author.

Virtual Electronic Network University Scheduler

The Future of Student Scheduling

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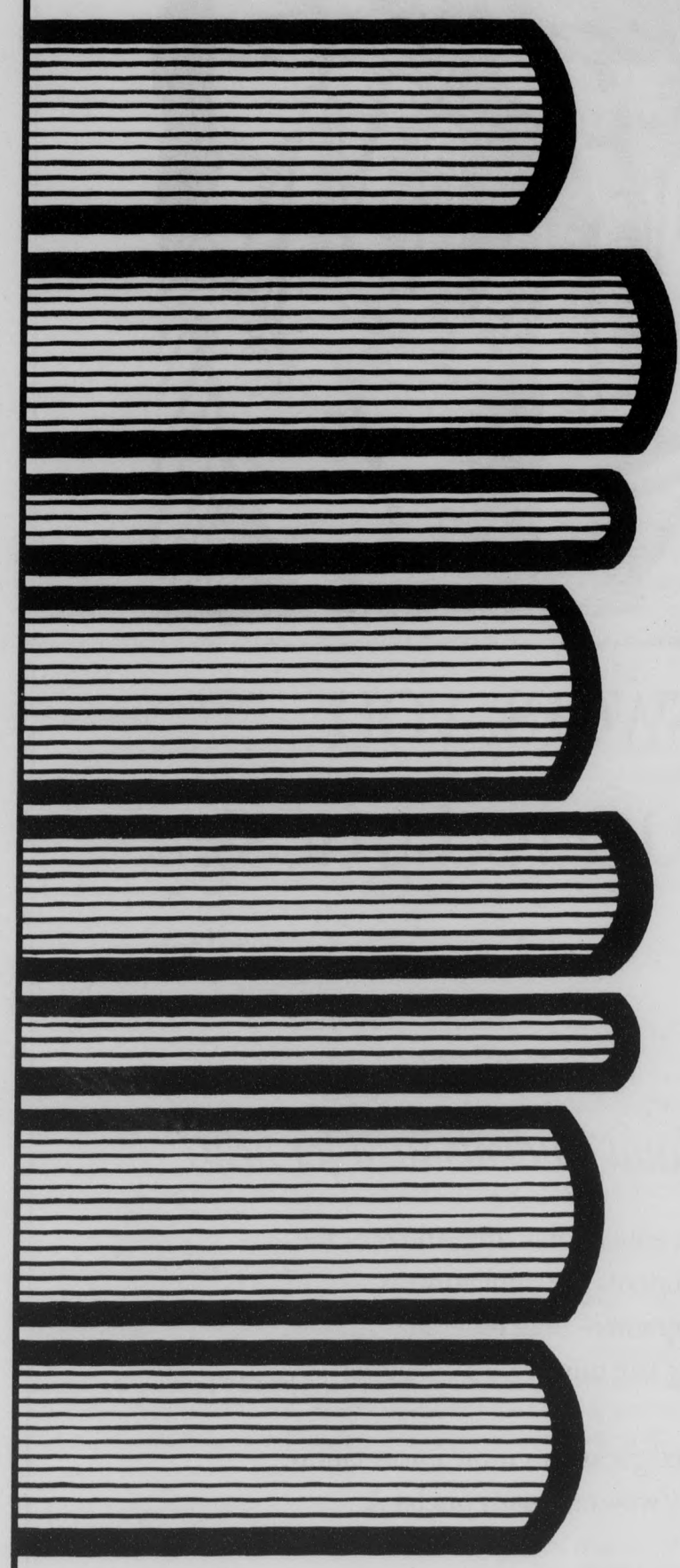

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